

# A Bibliography of Publications about the RISC-V Open Source Computer Architecture

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA

Tel: +1 801 581 5254  
FAX: +1 801 581 4148

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org),  
[beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <https://www.math.utah.edu/~beebe/>

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## Title word cross-reference

**#1** [Ano22].  
**19 $\mu$ W** [GAE+23]. <sup>2</sup>  
[MRGRCR+21b, PNSD20]. **K** [LPB+21].  
**V<sub>min</sub>** [ZCNA17].  
**-Boost** [CPG+23, CRP+23]. **-means**  
[LPB+21].  
**0.37mm<sup>2</sup>** [WRD+17]. **0.80pJ** [MSZB19].  
**0.80pJ/flop** [MSZB19]. **000-core**  
[DAKK19].  
**1** [CSZ+20, DEA+21, DtEt22]. **1-GHz**  
[CSZ+20]. **1.0** [PCW+22]. **1.24Tflop**  
[MSZB19]. **1.24Tflop/sW** [MSZB19].  
**1.3GHz** [LWA+14]. **1.44** [SWW+22].  
**1.44-GHz** [SWW+22]. **1.44GHz**  
[SWW+21]. **1.46TOPS** [GCL+23]. **1.7**  
[ZB19]. **1.7-GHz** [ZB19]. **1.89**  
[WBH+18, WBH+19]. **1.89-GHz**  
[WBH+18, WBH+19]. **10-bit** [DRC+16].  
**12-nm** [LCG+23]. **12-Stage** [CXL+20a].  
**12.4TOPS** [CRP+23]. **12.4TOPS/W**  
[CRP+23]. **123** [IVZV20]. **12nm** [GCL+23].  
**136GOPS** [CRP+23]. **140-nW** [TBK+19].  
**16** [SCM+21]. **16-bit** [RSA+23]. **16-mm<sup>2</sup>**  
[LCG+23]. **16-nm** [BRH+19, RZAH+19b,  
SWW+22, WBH+18, WBH+19]. **16.7**  
[LWA+14]. **160mV** [TLB+22]. **16mm<sup>2</sup>**  
[GZK+21]. **16nm** [BHR+18, RZAH+19a,  
SED+23, SWW+21, WRD+17]. **175**  
[WBH+18, WBH+19]. **175-kHz**

[WBH<sup>+18</sup>, WBH<sup>+19</sup>].

**2** [CRP<sup>+23</sup>]. **2-Petaflop** [SB23]. **2-to-8b** [CRP<sup>+23</sup>]. **2.0** [HMJ22]. **2.5-D** [PKC<sup>+20</sup>]. **2.6GFLOPS** [GPV<sup>+22</sup>]. **2017** [BBd17, SSB22, TZS<sup>+21</sup>]. **2019** [GD19, TBL19]. **2021** [IEE21]. **2022** [IEE22]. **22-nm** [CSZ<sup>+20</sup>, ZB19]. **22.1** [CRP<sup>+23</sup>]. **22nm** [DCC<sup>+23</sup>, GAE<sup>+23</sup>, GZK<sup>+21</sup>, MSZB19, SPDLP<sup>+22</sup>]. **24th** [BBd17]. **256** [WYK21]. **256-Bit** [QLC20]. **26th** [TBL19]. **28** [UD20]. **28-nm** [CCA<sup>+18a</sup>, SAW<sup>+20</sup>, WSK<sup>+20</sup>, WCL23, ZCNA17]. **28nm** [LZW<sup>+15</sup>, ZLP<sup>+15</sup>, ZCNA16, CCA<sup>+18b</sup>]. **28th** [IEE21]. **29th** [IEE22]. **2n3m5k** [WRD<sup>+17</sup>].

**3** [CPLS23, LMP23, TLB<sup>+22</sup>, VMO<sup>+23</sup>]. **3-D** [VMO<sup>+23</sup>]. **3-nW** [TLB<sup>+22</sup>]. **30** [SB23]. **30-Teraflops** [SB23]. **30-Teraflops/W** [SB23]. **32** [KFGH<sup>+23</sup>]. **32-Bit** [KS22, LCG<sup>+23</sup>, MLPH23, NHML<sup>+22</sup>, PMKZ22, DRC<sup>+16</sup>, DGA<sup>+17</sup>, GMV20, GSDB18, KM21, LCCS21, MCL22, MMGC20, NKH<sup>+21</sup>, RSR20, SFGB20, YTÖ21]. **32/64** [MG22]. **32/64-bit** [MG22]. **32I** [MRSBGR<sup>+20</sup>]. **32IC** [KK21]. **3D** [TEYK21, TYEK21, ZBA<sup>+20</sup>]. **3D-Graphics** [TEYK21, TYEK21].

**4096-Core** [ZSB21, ZSB20]. **410.0** [KFGH<sup>+23</sup>]. **410.0-B-32** [KFGH<sup>+23</sup>]. **45nm** [LWA<sup>+14</sup>]. **496-Core** [RZAH<sup>+19a</sup>]. **4MHz** [GAE<sup>+23</sup>].

**5** [FFW20, FWZL19]. **511-Core** [DXT<sup>+18</sup>]. **55** [GCL<sup>+23</sup>]. **5G** [AHB20, BZVCB23, KKH<sup>+20</sup>, Raj21]. **5G-PUSCH** [BZVCB23].

**6** [TBK<sup>+19</sup>]. **64** [LWC18]. **64-Bit** [LCG<sup>+23</sup>, MZZG22, PCO<sup>+23</sup>, ZB19, CXL<sup>+20a</sup>, GCL<sup>+23</sup>, HMTL21, KCGL23,

MG22, SGP<sup>+23</sup>, WSG<sup>+21</sup>]. **65-nm** [PCO<sup>+23</sup>]. **65nm** [CCC<sup>+22</sup>]. **67mm2** [GCL<sup>+23</sup>]. **695** [RZAH<sup>+19a</sup>].

**7** [SFGB20]. **7nm** [HMTL21].

**8** [FRC<sup>+18</sup>]. **8-core** [CKTK22]. **8-to-64** [MSZB19]. **8.2-kHz** [TBK<sup>+19</sup>]. **8.7mW** [GPV<sup>+22</sup>]. **89** [DNN23]. **8b** [CRP<sup>+23</sup>].

**910** [CXL<sup>+20a</sup>, CXL<sup>+20b</sup>].

**ABI** [AVS<sup>+22</sup>]. **Abstraction** [HZS<sup>+19</sup>]. **Academic** [ABC<sup>+20</sup>, DCC<sup>+23</sup>].

**Accelerate** [PMBA19]. **Accelerated** [EAMK21, EKAK22, KFS22, YWZL22].

**Accelerating** [AS18, DEA<sup>+21</sup>, DtEt22, DAKK19, ERGK21, GTC<sup>+20</sup>, TSS<sup>+22</sup>, ZPL<sup>+23</sup>, KKC<sup>+16</sup>].

**Acceleration** [ABW<sup>+21</sup>, AYA<sup>+23</sup>, CPG<sup>+23</sup>, CRP<sup>+23</sup>, DLMP21, FSS20, KSFS24, PLSK20, SB23, Su21, VMFL23, WZW<sup>+21</sup>, Yan20, KMS22, SCM<sup>+21</sup>, WWW23]. **Accelerator** [AEAS21, ABW<sup>+20</sup>, AWB<sup>+23</sup>, BCCM21, BDd19b, CCC<sup>+19</sup>, DNN23, DXT<sup>+18</sup>, DYZ<sup>+22</sup>, FHY19, GZK<sup>+21</sup>, Gra16, GTCS21, JZWL23, JRD<sup>+23</sup>, KG22b, KYDÖ21, KBBA17, KZH22, LCF23, LNA21, NKH<sup>+21</sup>, OBSB23, PS22a, PLH<sup>+22</sup>, PACB21, PGW<sup>+20</sup>, QLH21, RSRT19, SNH22, TT22, TBR<sup>+22</sup>, WLI23, WXY<sup>+22</sup>, YYM21, ZZG21, ZHL<sup>+23</sup>, DKC<sup>+21</sup>, RPA22, TZ22, WRD<sup>+17</sup>, ZPRD21, ZZW<sup>+19</sup>].

**Accelerators** [ABM<sup>+23</sup>, GCL<sup>+23</sup>, HDT<sup>+20</sup>, KHG20, NHML<sup>+22</sup>, RHD<sup>+23</sup>, LWA<sup>+14</sup>, SFAAL22].

**Access** [MDR19, YWZL22]. **Accuracy** [CLR<sup>+21b</sup>, CLR<sup>+21a</sup>, RRC<sup>+20</sup>, LGB17].

**Accurate** [BHT<sup>+21</sup>, HGTD20, HGD20b, uhMSI19].

**Achieving** [SZHB21]. **acoustic** [SGCGCR17]. **Active** [PKC<sup>+20</sup>]. **Adaptive** [CPG<sup>+23</sup>, CRP<sup>+23</sup>, HGTD20, KG22a,

TBR<sup>+22</sup>, TLB<sup>+22</sup>, LZW<sup>+15</sup>]. **ADC** [DRC<sup>+16</sup>]. **Address** [GAMG<sup>+23</sup>, HYML23, WLW<sup>+21</sup>]. **Adjacent** [LLL<sup>+21</sup>]. **AES** [TA22, WYK21, ZPRD21]. **AES-256** [WYK21]. **affordable** [MRGRCR<sup>+21a</sup>]. **AFTAB** [RRJ<sup>+21</sup>]. **Against** [GTD<sup>+23</sup>, KNK<sup>+21</sup>, DGH19, WSUM19]. **age** [HP18]. **Agile** [HSL<sup>+23</sup>, HCZ21, LWC<sup>+16</sup>, PGW<sup>+20</sup>, XYT<sup>+22</sup>, XYT<sup>+23</sup>]. **AGILER** [KG22a]. **AI** [CV22, CPG<sup>+23</sup>, CRP<sup>+23</sup>, FRC<sup>+18</sup>, GMS<sup>+23</sup>, LCF23, TSABTM20, Yan20, ZJX20]. **AI-extended** [GMS<sup>+23</sup>]. **AI-IoT** [CPG<sup>+23</sup>, CRP<sup>+23</sup>]. **Aimed** [MRAM<sup>+23</sup>]. **Algebra** [FTRH20]. **Algorithm** [KZH22, LWD20, LPL22, QLH21, RFS20, MRGRCR<sup>+21b</sup>]. **Algorithms** [ABM<sup>+23</sup>, dAGM23, MGZ<sup>+23</sup>, MÇB22, NDZ<sup>+21</sup>, KMS22]. **All-Digital** [RZAH<sup>+19a</sup>]. **Alliance** [Ano23b]. **ALU** [RTRM19, RSA<sup>+23</sup>]. **Always** [EMMB19]. **Always-On** [EMMB19]. **AMS** [APHD21b]. **Analog** [WBH<sup>+18</sup>]. **Analog/Digital** [WBH<sup>+18</sup>]. **Analysis** [AKMS20, AKMS21, BHR<sup>+18</sup>, BRH<sup>+19</sup>, BB21, CTSG22, DHL<sup>+21</sup>, DRN<sup>+23</sup>, HSR<sup>+23</sup>, HCW23, IK21a, IZG22, KNK<sup>+21</sup>, LNZ<sup>+22</sup>, LVPSB<sup>+23</sup>, NGS20, POMD22, PNV22, SEM19, SSS<sup>+22</sup>, SML<sup>+22</sup>, SAW<sup>+20</sup>, SNOT20, TZS<sup>+21</sup>, VMO<sup>+22</sup>, WBH<sup>+18</sup>, WBH<sup>+19</sup>, WY23, ZB19, BMM<sup>+20</sup>, KSAL21, LGB17, RPSD16]. **Analyzing** [WSMRM20, YLC21]. **Android** [WWN23]. **ANDROMEDA** [MSR<sup>+21</sup>]. **ANN** [ZGMD22]. **ANN-based** [ZGMD22]. **AnnikaCore** [ZGL<sup>+21</sup>]. **Anomaly** [BPS<sup>+23</sup>, PCL<sup>+23</sup>]. **API** [SNOT20]. **Application** [DKT<sup>+23</sup>, GGÁARG<sup>+21</sup>, HMJ22, LCYK20, LHC<sup>+21</sup>, LCG<sup>+23</sup>, PLH<sup>+22</sup>, WT19, ZB19, ZKS<sup>+23</sup>, DL17, DAK<sup>+21</sup>, HH23, TSABTM20]. **Application-Class** [ZB19, DAK<sup>+21</sup>]. **Application-Specific** [GGÁARG<sup>+21</sup>, HMJ22, WT19, DL17].

**Applications** [ASE<sup>+21</sup>, And20, BP21, CRRS22, DWG<sup>+20</sup>, FSMU21, FDMM22, GRCRCG<sup>+20</sup>, GAO21, HM21, KM21, MLD<sup>+23</sup>, MPU<sup>+23</sup>, gMCP19, NBT22, OPY<sup>+18</sup>, PDLC18, RKH<sup>+23</sup>, RAPK23, RHD<sup>+23</sup>, SJR<sup>+23</sup>, SUM23, SSD<sup>+21</sup>, SR22, SKK<sup>+22</sup>, VSD22, WCGL23, ZGG23, ZXXH22, SCR<sup>+17</sup>, WTY<sup>+23</sup>, RLL<sup>+21</sup>]. **applied** [MRGRCR<sup>+21a</sup>]. **Approach** [LWC<sup>+16</sup>, MRB<sup>+23</sup>, NBT22, Suv21a, ZCH<sup>+23</sup>, PRP<sup>+23</sup>]. **Approaches** [HSEKD21]. **Approximate** [LGB17, SMOM19, VSD22]. **Approximations** [FFW20]. **Ara** [PCW<sup>+22</sup>, CSZ<sup>+20</sup>]. **Arbitrary** [AWB<sup>+23</sup>, JZWL23, ZZQ21]. **Architectural** [KKK<sup>+17a</sup>, KKK<sup>+17b</sup>, KKK<sup>+17c</sup>, MTAL22, MS17]. **Architecture** [ASH19, BP21, CPLS23, COMP19, CLW23, DBP21, DPP22, FHL<sup>+22</sup>, HBSE22, HYWP<sup>+19</sup>, HH21, HCP<sup>+21</sup>, HH22, HMJ23, HMJ24, JSB20, KHG20, KG22a, KG22b, KA20, KNK<sup>+21</sup>, KKH<sup>+20</sup>, LCCS21, LF22, LWC18, LHC19, Liu21, LNB<sup>+23</sup>, MKM20, MR22, MTT21, MAS18, MSJ19, MSD<sup>+22</sup>, MKVD23, MDR19, NRA<sup>+22</sup>, NGS20, PDLC18, PS22a, PKN<sup>+20</sup>, PKC<sup>+20</sup>, PW17a, PMKZ22, QYZ21, RKH<sup>+23</sup>, RSA<sup>+23</sup>, RMP<sup>+19</sup>, SVM<sup>+23</sup>, Sew21, SR22, SLB<sup>+22</sup>, TA22, WLY<sup>+22</sup>, WAH21, XHY<sup>+20</sup>, ZSB20, ZSB21, ZHC<sup>+18</sup>, ZWL<sup>+20</sup>, ZGL<sup>+21</sup>, ZZZ21, ZZZ<sup>+23</sup>, ZNF21, DPV<sup>+17</sup>, HP18, KSAL21, KHH22, Lu21a, Pat18, PRP<sup>+23</sup>, RPSD16, SCM<sup>+21</sup>, TCL<sup>+21</sup>, WTY<sup>+23</sup>].

**Architectures** [AKMS20, DXT<sup>+18</sup>, ERGK21, FTRH20, IVZV20, KKK<sup>+17a</sup>, KKK<sup>+17b</sup>, KKK<sup>+17c</sup>, NNPG23, PACB21, SMB17, BF23, CLC<sup>+20</sup>, GMFC23, LF22, VMFL23]. **Area** [MPU<sup>+23</sup>, MDR19, PSS23, SSD<sup>+21</sup>]. **Area-Efficient** [MPU<sup>+23</sup>]. **ARITH** [BBdD17, IEE21, IEE22, TBL19]. **ARITH-26** [TBL19]. **Arithmetic** [BBdD17, CLR<sup>+21b</sup>, CLR<sup>+21a</sup>, GD19,

IEE21, IEE22, SJM<sup>+</sup>20, TBL19]. **ARM** [AMRCP21, CRRS21, EHK20, ELG20, FTRH20, IVZV20, KS22, KKE<sup>+</sup>22, LF22, NGS20, RFS20, RMP<sup>+</sup>19, SNOT21]. **ARM-RISC-V-Heterogeneous** [EHK20]. **ARM64** [TOYK22]. **Armed** [DKT<sup>+</sup>23]. **Armv8** [Sew21]. **Armv8-A** [Sew21]. **Arnold** [SRD<sup>+</sup>21]. **Arrow** [AEAS21]. **ARV** [SC17]. **ASIC** [HSEKD21, HM21, KM21, NHML<sup>+</sup>22]. **ASIC-FPGA** [HM21]. **ASIP** [Ant22]. **Aspects** [AAA<sup>+</sup>21]. **Assembler** [GSDB18]. **Assembly** [TOYK22]. **Assessment** [GDR<sup>+</sup>22]. **Assisted** [DBGJ20, ZHX<sup>+</sup>22, GAMG<sup>+</sup>23, SMGS22]. **Associativity** [SSS<sup>+</sup>22]. **AsteRISC** [SLBJ23]. **Asynchronous** [LHT<sup>+</sup>21, NSM<sup>+</sup>23, SC17]. **At-Memory** [SB23]. **ATGP\_RISC** [MKM20]. **ATGP\_RISC-V** [MKM20]. **Atlas** [PW17a]. **Atomic** [WWL<sup>+</sup>20]. **atrial** [HUL<sup>+</sup>22]. **Attached** [CMV21]. **Attack** [DHL<sup>+</sup>21, DBP21, KNK<sup>+</sup>21, LHD<sup>+</sup>21, LHD<sup>+</sup>22]. **Attacks** [AVS<sup>+</sup>22, DGH19, GAMG<sup>+</sup>23, GWZS23, GTD<sup>+</sup>23, KGBH22, TDH<sup>+</sup>23, WSUM19]. **Attestation** [SMJ21]. **Augmented** [SRD<sup>+</sup>21]. **Aurora** [GMFC23, VMFL23]. **Authentication** [FdRES23, GLS21]. **Auto** [YCL<sup>+</sup>23]. **Auto-tuning** [YCL<sup>+</sup>23]. **Automated** [NSM<sup>+</sup>23, WXY<sup>+</sup>22]. **Automatic** [ABM<sup>+</sup>23, FDS<sup>+</sup>23, QYZ21, YWZL22]. **Automation** [MKM20]. **Automotive** [CSO<sup>+</sup>23]. **Autonomous** [DKT<sup>+</sup>23, RCS<sup>+</sup>19]. **Autovectorization** [AS22]. **AVR** [KKE<sup>+</sup>22]. **Aware** [LHK23, MKB<sup>+</sup>23, SMB17, SMOM19, LSB22]. **AXI** [EHN23]. **AXI-interconnect** [EHN23]. **AXI4** [DRC<sup>+</sup>16]. **AXI4-lite** [DRC<sup>+</sup>16].

**B** [KFGH<sup>+</sup>23, CPG<sup>+</sup>23, MZZG22]. **B-Extension** [MZZG22]. **backend** [TMK<sup>+</sup>16]. **Backup** [PPYB23]. **bad** [FvHC<sup>+</sup>23]. **Bandits** [DKT<sup>+</sup>23]. **Bandwidth** [WBH<sup>+</sup>18, WBH<sup>+</sup>19, ZZB<sup>+</sup>20]. **Banshee** [RSS<sup>+</sup>21]. **Bao** [MP20a, MP20b]. **Baremetal** [MTAL22]. **Barrel** [ABW<sup>+</sup>20, ABW<sup>+</sup>21]. **BARVINN** [AWB<sup>+</sup>23]. **Base** [PMKZ22]. **Baseband** [IFO<sup>+</sup>18, MB16]. **Based** [ABC<sup>+</sup>20, AKMS20, Ant22, AMG<sup>+</sup>20, BFC<sup>+</sup>23, BP21, BWP22, CXLL22, CDF<sup>+</sup>20, CYJ<sup>+</sup>22, CPLS23, DYZ<sup>+</sup>22, DMR<sup>+</sup>20, EMMB19, EEI<sup>+</sup>18, EGBS22, FSPB21, FDS<sup>+</sup>23, GZC22, GRC<sup>+</sup>19, GTC<sup>+</sup>21b, GXLW22, GAO21, GSDB18, HBSE22, HWJ23, HJ23, HCW23, HGLD18, HCZ21, HWG22, JHLD21, JHQ23, KAR<sup>+</sup>19, KHG20, KG22a, KEAS<sup>+</sup>18, KRR22, KZH22, LRF<sup>+</sup>21, LCYK20, LWC18, LHC19, LWD20, LCF23, LXC23, LPL22, LZH20, LLL<sup>+</sup>21, Lu22, LNB<sup>+</sup>23, MCL<sup>+</sup>21, MCL22, MLP23, MTCL21, MLD<sup>+</sup>23, MST<sup>+</sup>23, MSR<sup>+</sup>21, MKB<sup>+</sup>23, gMCP19, MDR19, NWP<sup>+</sup>23, OBB<sup>+</sup>24, PKC<sup>+</sup>20, PACB21, PCO<sup>+</sup>23, POMD22, PNV22, QLH21, QYZ21, QLC20, RSR21, RSR20, RTRM19, RKRF21, RSS<sup>+</sup>21, RSRT19, RMR21, RHD<sup>+</sup>23, SJER23, SJM<sup>+</sup>20, SWWL23, SUAR23, SSB<sup>+</sup>19, SLB<sup>+</sup>22, Suv21a, Suv21b, TTB22, TBS<sup>+</sup>21, TBR<sup>+</sup>22, UD20, WT19, WZW<sup>+</sup>21, WWGW23, WCGL23, WMR<sup>+</sup>22, WWB23, WXY<sup>+</sup>22, WHB<sup>+</sup>22, WLC22, WGZ<sup>+</sup>23, XHY<sup>+</sup>20, YXH20]. **Based** [YYP<sup>+</sup>22, ZHC<sup>+</sup>18, ZWL<sup>+</sup>20, ZZZ21, ZCH<sup>+</sup>23, ZUSK23, ZZQ21, ZWL<sup>+</sup>23, ZSM20, ZSM21, ZS23, ZCNA17, ZNF21, ZZL<sup>+</sup>22, ZC23, dOTB<sup>+</sup>20, APSH<sup>+</sup>22, AvAG21, AFP<sup>+</sup>17, ASH19, BCCM21, BHT<sup>+</sup>21, CWD<sup>+</sup>21, Cil21, DBP21, DZZZ23, DRC<sup>+</sup>16, DGA<sup>+</sup>17, EAI19, FSMG<sup>+</sup>19, GRCRCG<sup>+</sup>20, GTC<sup>+</sup>21a, GGH<sup>+</sup>22, GBP21, GGÁARG<sup>+</sup>21, GLS21, HYXW22, HSL<sup>+</sup>23, HGD<sup>+</sup>19, HTGD21, HUL<sup>+</sup>22, IZG22, KG22b, KM21, KSSMRB23, MRSBGR<sup>+</sup>20, MRGRCR<sup>+</sup>21a, MRGRCR<sup>+</sup>21b, MSFK21, NRA<sup>+</sup>22, NKH<sup>+</sup>21, NBT22, RKH<sup>+</sup>23,

RLL<sup>+21</sup>, RMP<sup>+19</sup>, RPA22, RFS20, SGCGR17, SFAAL22, SSD<sup>+21</sup>, SJYZ22, SCL<sup>+21</sup>, SKK<sup>+22</sup>, TZ22, TDPD<sup>+21</sup>, WRD<sup>+17</sup>, WWW23, WW19, WW21, YBR<sup>+23</sup>, YNYD23, YWZL22, ZPRD22, ZZW<sup>+19</sup>, ZZB<sup>+20</sup>, ZGMD22, ZHL<sup>+23</sup>, CKTG21, IFO<sup>+18</sup>, KFGH<sup>+23</sup>, AHB20]. **Basic** [BF23]. **be** [AP14]. **Behaviour** [BPS<sup>+23</sup>]. **Benchmark** [MRAM<sup>+23</sup>]. **Benchmarking** [CGG21]. **Berkeley** [Ano23a]. **Best** [DMR<sup>+20</sup>, KRR22]. **Between** [HGTD20, EHN23, IK21a]. **Biasing** [CPG<sup>+23</sup>, CRP<sup>+23</sup>]. **Binaries** [HGLD19]. **Binary** [KCGL23, KGHM23, RSS<sup>+21</sup>]. **Bit** [BSSW21, JSB20, KS22, KAMS19, LCG<sup>+23</sup>, MLPH23, MZZG22, NHML<sup>+22</sup>, PCO<sup>+23</sup>, PMKZ22, QLC20, RSR21, ZB19, CXL<sup>+20a</sup>, DRC<sup>+16</sup>, DGA<sup>+17</sup>, GCL<sup>+23</sup>, GMV20, GSDB18, HMTL21, KM21, KCGL23, LCCS21, MCL22, MSZB19, MMGC20, MG22, NKH<sup>+21</sup>, RSR20, RSA<sup>+23</sup>, SGP<sup>+23</sup>, SFGB20, WSG<sup>+21</sup>, YTÖ21]. **Bit-Precision** [RSR21]. **Bits** [MTT21]. **BlackParrot** [PGW<sup>+20</sup>]. **Blake3** [ZPL<sup>+23</sup>]. **Block** [DPP22, KS22, LCN<sup>+23</sup>, MCL22, SEM19]. **Blocking** [DDM<sup>+20</sup>, JHQ23]. **Blocks** [ZWB19]. **Board** [CDF<sup>+20</sup>, RKH<sup>+23</sup>, ZSM21, TZPL21]. **Body** [CPG<sup>+23</sup>, CRP<sup>+23</sup>]. **BOOM** [Ano23a, BSZ<sup>+21</sup>, BSZ<sup>+24</sup>, ZBZ<sup>+23</sup>]. **BOOM-Explorer** [BSZ<sup>+21</sup>, BSZ<sup>+24</sup>]. **Boomerang** [LHK23]. **Boost** [CPG<sup>+23</sup>, CRP<sup>+23</sup>]. **Boot** [DBP21, GJC23, HYWP<sup>+19</sup>, NRLH22, Zha22]. **Bootable** [SGP<sup>+23</sup>]. **Both** [DMR<sup>+20</sup>]. **Bottleneck** [KFK<sup>+19</sup>]. **Branch** [CSM22, SLCK21]. **Bratter** [PKKK22]. **Brew** [Szk21]. **Buffer** [DBGJ20]. **Bug** [RMR21]. **Build** [Szk21]. **Building** [ILG19, LWC<sup>+16</sup>, WLY<sup>+22</sup>, ZWB19]. **bulk** [GAE<sup>+23</sup>]. **bus** [DRC<sup>+16</sup>]. **bus-based** [DRC<sup>+16</sup>]. **Byte** [ADF<sup>+23</sup>, DFA<sup>+23</sup>].

**C** [MRGRCR<sup>+21b</sup>, DUM<sup>+19</sup>]. **Cache** [CKTK22, CKTK23, CCA<sup>+18a</sup>, DDM<sup>+20</sup>, GCL<sup>+23</sup>, HWJ23, HJ23, LHD<sup>+21</sup>, LCG<sup>+23</sup>, MKB<sup>+23</sup>, SSS<sup>+22</sup>, ZCNA17, GYW<sup>+23</sup>, ZCNA16]. **Cache-Aware** [MKB<sup>+23</sup>]. **Cache-Coherent** [GCL<sup>+23</sup>, LCG<sup>+23</sup>]. **CADENCE** [RSA<sup>+23</sup>]. **CakeML** [TMK<sup>+16</sup>]. **Calib** [ZBZ<sup>+23</sup>]. **Calibration** [KKH<sup>+20</sup>]. **Can** [Szk21, PS22b]. **CAN-FD** [PS22b]. **CAP** [CKTG21]. **Capability** [GM21, MMD<sup>+22b</sup>, MMD<sup>+22c</sup>]. **Capable** [OBSB23, CIPR21, VTS<sup>+23</sup>]. **Capacitor** [ZLP<sup>+16</sup>, LZW<sup>+15</sup>, MSFK21, ZLP<sup>+15</sup>]. **Capturing** [TDPD<sup>+21</sup>]. **carbon** [AFP<sup>+17</sup>]. **CARE** [DBP21]. **Cars** [Ben23]. **Case** [APSH<sup>+22</sup>, BHD23, DCM23, GYW<sup>+23</sup>, HGLD19, HGJD20, PGTD23, RHGD21, SSR<sup>+18</sup>, WMGD23, YLC21, AP14]. **Case-Study** [APSH<sup>+22</sup>, BHD23, HGJD20]. **Casting** [KK23]. **Catalog** [HLHK19]. **CCSDS** [IVZV20, KFGH<sup>+23</sup>]. **Celerity** [DXT<sup>+18</sup>, RZAH<sup>+19b</sup>]. **Center** [Ano23g]. **Center-Class** [Ano23g]. **Certificates** [GLS21]. **CFG** [LWLA23]. **CFI** [LWLA23, RSM<sup>+23</sup>, ZPRD22]. **CGRA** [FGD<sup>+19</sup>, LNA21]. **ChaCha** [MPP21]. **Challenges** [LVPSB<sup>+23</sup>]. **Challenging** [NSM<sup>+23</sup>]. **Changeable** [KIS20]. **Channel** [DGH19, LHD<sup>+21</sup>, MTAL22, Bis21, GYW<sup>+23</sup>]. **Channels** [JHQ23, WSG<sup>+21</sup>]. **Characteristics** [Lu21b, WY23, ZZZ<sup>+23</sup>]. **Characterization** [CPWG23, SLK<sup>+21</sup>, SMMD23]. **Check** [TA22]. **CHERI** [BPS<sup>+23</sup>, Sew21]. **CHERI-RISC** [BPS<sup>+23</sup>]. **Cheshire** [OBSB23]. **China** [Ano23b]. **Chip** [DCM23, DEA<sup>+21</sup>, DtEt22, FSMU21, GPV<sup>+22</sup>, GTP<sup>+22</sup>, Gen24, OBB<sup>+24</sup>, RLL<sup>+21</sup>, RZAH<sup>+19a</sup>, TDPD<sup>+21</sup>, WSK<sup>+20</sup>, YLT22, DGA<sup>+17</sup>, Ano23e, CKTG21, CYJ<sup>+22</sup>, CRP<sup>+23</sup>, DNN23, HYWP<sup>+19</sup>, HZS<sup>+19</sup>, KSSMRB23, KCHYM19, LNB<sup>+23</sup>, MSDM23, NKH<sup>+21</sup>, RSR20, SLK<sup>+21</sup>, SML<sup>+22</sup>, SMMD23, SBJ21, ZNF21].

**Chiplet** [KIS20, ZSB20, ZSB21, ZGG23].  
**Chips** [DXT<sup>+</sup>18, SG23, ZJX20]. **Chisel** [IK21a, XLZ23, ZCH<sup>+</sup>23]. **Chisel-Based** [ZCH<sup>+</sup>23]. **Choice** [HSR<sup>+</sup>23]. **CIFER** [LCG<sup>+</sup>23, ZPRD23]. **Cimone** [BFP<sup>+</sup>22].  
**Cipher** [KS22, MCL22, TGMD21]. **Circuit** [WZW<sup>+</sup>19, KKC<sup>+</sup>16]. **Circuitry** [BBV<sup>+</sup>23].  
**circular** [HC20]. **circular-shift** [HC20].  
**CLARINET** [SJM<sup>+</sup>20]. **Class** [Ano23g, ZB19, DAK<sup>+</sup>21]. **Classes** [FAPHD23, JHQ23]. **Classic** [PGZMG21].  
**Classical** [KGHRM23]. **Classification** [PLSK20]. **classifier** [SGCGCR17]. **CLIC** [MTCL21]. **Clocked** [PNV22]. **clocking** [LZW<sup>+</sup>15]. **Closed** [RHD<sup>+</sup>23]. **Closed-loop** [RHD<sup>+</sup>23]. **Closing** [HGD20a]. **Cloud** [CXL<sup>+</sup>20b, Su20, AAC<sup>+</sup>23, LF22]. **Cluster** [GPV<sup>+</sup>22, GTP<sup>+</sup>22, KMB22, MRB<sup>+</sup>23, NRB<sup>+</sup>23]. **Clustering** [LPB<sup>+</sup>21].  
**Clustering-specific** [LPB<sup>+</sup>21]. **Clusters** [GRC<sup>+</sup>19]. **CMOS** [CKTK22, CKTK23, CCA<sup>+</sup>18a, CCA<sup>+</sup>18b, GAE<sup>+</sup>23, NWP<sup>+</sup>23, PCO<sup>+</sup>23, RZAH<sup>+</sup>19a, SED<sup>+</sup>23, WCL23].  
**CNN** [GDR<sup>+</sup>22, HCL<sup>+</sup>21, LHC<sup>+</sup>21, LHC19, PLH<sup>+</sup>22, PMBA19, QLH21, SFAAL22, WLI23, WLC22, YYP<sup>+</sup>22, ZZG21]. **Co** [AvAG21, BPS<sup>+</sup>23, CPLS23, FSMG<sup>+</sup>19, HSL<sup>+</sup>23, HMJ22, Liu21, uhMSI19, POMD22, RFS20, WBH<sup>+</sup>18, ZWL<sup>+</sup>23, ZNF21, GAE<sup>+</sup>23, HP18, KHH22, RPD<sup>+</sup>15, YWZL22]. **Co-Design** [HMJ22, uhMSI19, RFS20, ZWL<sup>+</sup>23, ZNF21, BPS<sup>+</sup>23, HSL<sup>+</sup>23, Liu21, HP18].  
**Co-Design-Based** [POMD22]. **Co-Designed** [WBH<sup>+</sup>18]. **Co-Processor** [CPLS23, AvAG21, GAE<sup>+</sup>23, KHH22, RPD<sup>+</sup>15, YWZL22]. **Co-Processors** [FSMG<sup>+</sup>19]. **Code** [GTD<sup>+</sup>23, HYML23, TA22, ZPRD23, TOYK22]. **Codes** [KGHRM23, TS20, WTS21]. **Coherent** [GCL<sup>+</sup>23, LCG<sup>+</sup>23]. **ColibriES** [RHD<sup>+</sup>23].  
**Collaborative** [DYZ<sup>+</sup>22, YLT<sup>+</sup>23]. **Commercial** [CXL<sup>+</sup>20a, HSEKD21]. **commit** [HK20]. **Communication** [KIS20, PS22b, ZSM20, HC20, TCL<sup>+</sup>21].  
**Communications** [RMF22]. **Compact** [DNN23, TBR<sup>+</sup>22, MRSBGR<sup>+</sup>20].  
**Comparative** [CPWG23, IK21a, KSAL21, DAK<sup>+</sup>21].  
**Comparison** [BWP22, ET21, HSEKD21, PNG20, WYK21, CRRS21, SCR<sup>+</sup>17].  
**COMPAS** [SMGS22]. **CompaSeC** [GAMG<sup>+</sup>23]. **Compatible** [BBVB20, HLHK19, RKRf21, SGP<sup>+</sup>23, BGVB18, ETR<sup>+</sup>20, WRD<sup>+</sup>17].  
**Compilation** [TZS<sup>+</sup>21]. **Compiler** [AS22, DCL23, GAMG<sup>+</sup>23, PNG20, SMGS22, WXY<sup>+</sup>22, TMK<sup>+</sup>16].  
**Compiler-assisted** [GAMG<sup>+</sup>23, SMGS22].  
**Complete** [FHL<sup>+</sup>22, WMR<sup>+</sup>22].  
**Completion** [UD20]. **complexity** [NKTS23]. **Compliance** [BHGD21, HGD20a, HGD20c, HTGD21].  
**Components** [ABC<sup>+</sup>20]. **Composable** [ZWB19]. **compressed** [KK21].  
**Compressor** [IVZV20]. **Compromising** [Bis21]. **Computation** [uhMSI19].  
**Computational** [MST<sup>+</sup>23].  
**Computations** [Ant22]. **Compute** [CKTK22, CKTK23, DAKK19, GTP<sup>+</sup>22, LCG<sup>+</sup>23, SZHB21]. **Computer** [Ano22, BBdD17, HH21, HCP<sup>+</sup>21, HH22, IEE21, IEE22, KG22c, LF22, MSJ19, MKVD23, RKH<sup>+</sup>23, TBL19, TSW<sup>+</sup>23, HP18, Pat18, TZPL21]. **Computers** [BFP<sup>+</sup>22, KIS20, Pat17]. **Computing** [BDdD19b, CSM<sup>+</sup>21, CXL<sup>+</sup>20b, DYZ<sup>+</sup>22, FGD<sup>+</sup>19, FSMU21, GRC<sup>+</sup>19, ILG19, KBBA17, LWC18, MPU<sup>+</sup>23, NPA<sup>+</sup>23, PCW<sup>+</sup>22, PPYB23, SJBS21, TBSh22, WLW<sup>+</sup>21, XZW<sup>+</sup>22, Yan20, ZSB20, ZSB21, ZHL<sup>+</sup>23, Gre20, HYXW22, SCM<sup>+</sup>21, WWL<sup>+</sup>20, WTY<sup>+</sup>23, YWZL22].  
**Computing-in-Memory** [ZHL<sup>+</sup>23].  
**Concolic** [HGLD19]. **Conference** [GD19, IEE21, IEE22]. **Confidential** [XZW<sup>+</sup>22]. **Configurable** [BHT<sup>+</sup>21, HGLD18, KEAS<sup>+</sup>18, PKN<sup>+</sup>20,

RRJ<sup>+21</sup>, TGRK21, ZS23, HYXW22].  
**Configuring** [FSMU21]. **Considered** [PW17b]. **Constrained** [APHD21a, ET21, dAGM23, JBK23, SMJ21, ZHLR22, SCL<sup>+21</sup>]. **Constraint** [FDS<sup>+23</sup>]. **Constraint-Based** [FDS<sup>+23</sup>]. **Constraints** [LHT<sup>+21</sup>, ZPRD21]. **Construction** [MCL<sup>+21</sup>]. **Consumption** [MTT21, MRAM<sup>+23</sup>, TDH<sup>+23</sup>, ZCH22]. **context** [LSB22]. **context-aware** [LSB22]. **Continual** [RRC<sup>+20</sup>]. **Control** [Ant22, ABW<sup>+20</sup>, KKH<sup>+20</sup>, PSM23, RLL<sup>+21</sup>, RHD<sup>+23</sup>, YLT<sup>+23</sup>, ZGG23, PKKK22, ZPRD23]. **control-flow** [PKKK22]. **Controlled** [AWB<sup>+23</sup>, FFW20, SNH22]. **Controller** [EAI19, GRCRCG<sup>+20</sup>, MST<sup>+23</sup>, MDR19, OBB<sup>+24</sup>, Suv21a, SKK<sup>+22</sup>, TL22]. **Controllers** [ZZG21]. **ControlPULP** [OBB<sup>+24</sup>]. **Conversion** [DCM23, RPD<sup>+15</sup>]. **Converters** [ZLP<sup>+16</sup>, LZW<sup>+15</sup>, ZLP<sup>+15</sup>]. **Convolution** [KSAL21, WZW<sup>+21</sup>, TZ22]. **Coprocessor** [BDdD19a, CMV21, DEC<sup>+18</sup>, FSMU21, HCL<sup>+21</sup>, LHC<sup>+21</sup>, LKKK22, LYL23, MPU<sup>+23</sup>, PSS23, SWWL23, WWGW23, ZWL<sup>+20</sup>, GBP21, PRS<sup>+15</sup>]. **Coprocessors** [CSM<sup>+21</sup>, LVR<sup>+20</sup>]. **CORDIC** [NKH<sup>+21</sup>, YYM21]. **CORDIC-based** [NKH<sup>+21</sup>]. **Core** [ASE<sup>+21</sup>, BBV<sup>+23</sup>, BZVCB23, BP21, CXL<sup>+20a</sup>, CKTK23, COMP19, DXT<sup>+18</sup>, EHK20, GST<sup>+17</sup>, GZK<sup>+21</sup>, GTD<sup>+23</sup>, GCCR21, GCR<sup>+23</sup>, HWJ23, HSR<sup>+23</sup>, HCP<sup>+21</sup>, HM21, IK21a, KHG20, KG22a, KM21, KKOY19, KSRT23, LRF<sup>+21</sup>, LKKK22, MMD<sup>+22a</sup>, MMD<sup>+22b</sup>, MMD<sup>+22c</sup>, MRAM<sup>+23</sup>, NWP<sup>+23</sup>, NKTS23, OBB<sup>+24</sup>, PDLC18, PLH<sup>+22</sup>, PAPJ<sup>+23</sup>, PMKZ22, PS22b, PMBA19, RZAH<sup>+19a</sup>, SGP<sup>+23</sup>, SAF<sup>+23</sup>, SLBJ23, SWW<sup>+21</sup>, SWW<sup>+22</sup>, SR22, SUAR23, SFGB20, SKK<sup>+22</sup>, TGRK19, TGRK21, VSD22, WLI23, WSG<sup>+21</sup>, WSK<sup>+20</sup>, WLC22, YLC21, YTÖ21, ZB19, ZSB21, dOTB<sup>+20</sup>, BCM<sup>+21</sup>, CKTK22, CYJ<sup>+22</sup>, DAKK19, EHN23, FvHC<sup>+23</sup>, GG18, HMTL21, Lu21b, MRSBGR<sup>+20</sup>, SJYZ22, TH22, WRD<sup>+17</sup>, WTY<sup>+23</sup>, ZSB20, ZPRD21, ZPRD23, HHTo23]. **core-based** [SJYZ22]. **CORE-V** [HHTo23]. **Cores** [ARH<sup>+22</sup>, BPM<sup>+21</sup>, BPF<sup>+22</sup>, CSM<sup>+21</sup>, Cho18, Cho19, ET21, FSPB21, FGD<sup>+19</sup>, GMS<sup>+23</sup>, GGÁARG<sup>+21</sup>, GRD22, HHB<sup>+19</sup>, JHL<sup>+21</sup>, JS23, KIS22, KG22c, LCG<sup>+23</sup>, MLPH23, NPA<sup>+23</sup>, OCMP19, OCC<sup>+17</sup>, SSR<sup>+18</sup>, SZHB21, SB23, Bar20, SBJ21, SCR<sup>+17</sup>]. **Core** [Ano23f]. **Correction** [Cho19, KFGH<sup>+23</sup>, KGHRM23, UD20, ZC23]. **Correlation** [DHL<sup>+21</sup>]. **Corruption** [BR24]. **Cost** [BPM<sup>+21</sup>, DCL23, RKH<sup>+23</sup>, RMR21, SG23, SLZ<sup>+20</sup>, ZB19, HWG22, RAPK23]. **COTS** [dOK23]. **Countermeasure** [DHL<sup>+21</sup>, GAMG<sup>+23</sup>]. **Countermeasures** [GTD<sup>+23</sup>, LBDPP19]. **Counters** [DRN<sup>+23</sup>]. **Coupled** [GKB<sup>+22</sup>, CMV21, JZWL23]. **Course** [LLS22]. **Coverage** [AKMS21]. **Covert** [MTAL22]. **Coyote** [PFD21]. **CPA** [TDH<sup>+23</sup>]. **CPK** [ZS23]. **CPU** [AWB<sup>+23</sup>, CWD<sup>+21</sup>, COMP19, GG18, IZG22, LKKK22, MCL22, MKČ23, MTAL22, MS17, Pat18, RKRF21, SNH22, SSB22, Szk21, WLC22, ZZZ21]. **CPU(R)** [TZS<sup>+21</sup>]. **CPUs** [CPWG23, GWZS23, HWJ23, JRW<sup>+23</sup>]. **Critic** [RBK18]. **Critical** [MKČ23, RLL<sup>+21</sup>, SKK<sup>+22</sup>, WMA<sup>+21</sup>]. **criticality** [CIPR21]. **Cross** [HGJD20, VOK<sup>+22</sup>, WWN23]. **Cross-layer** [VOK<sup>+22</sup>]. **Cross-Level** [HGJD20]. **Cross-Platform** [WWN23]. **Crypto** [RFS20]. **Cryptographic** [Bis21, DHL<sup>+21</sup>, HDT<sup>+20</sup>, MLPH23, MČB22, SNK22, TDH<sup>+23</sup>, ZWL<sup>+23</sup>]. **Cryptography** [dAGM23, KGHRM23, LKKK22, NDZ<sup>+21</sup>, NHML<sup>+22</sup>, TGMD20, XHY<sup>+20</sup>, ZKS<sup>+23</sup>]. **Cryptoprocessor** [HBSE22, ZHC<sup>+18</sup>].

**Cryptosystem** [PGZMG21]. **CRYSTALS** [GJC23, NDZ<sup>+</sup>21]. **CRYSTALS-Dilithium** [GJC23]. **CSR** [BHGD21]. **Current** [AMG<sup>+</sup>20, HCW23]. **Custom** [CWS<sup>+</sup>23, CWS<sup>+</sup>24, DFA<sup>+</sup>23, HHB23, LHC19, LMP23, MRB<sup>+</sup>23, NKH<sup>+</sup>21, SNH22, Su21, PKL21, PJJ21]. **Customizable** [SCM<sup>+</sup>21]. **Customizing** [WZW<sup>+</sup>21, EHN23]. **Customizing** [MMD<sup>+</sup>22a]. **CV32A6** [HH23]. **CVA6** [MMD<sup>+</sup>22a, MTAL22, SVM<sup>+</sup>23]. **Cyber** [APHD21b, Ano22]. **Cyber-Physical** [APHD21b]. **Cyber-Security** [Ano22]. **Cycle** [GGH<sup>+</sup>22, uhMSI19, ZNF21, DPV<sup>+</sup>17, UD18]. **Cycle-Accurate** [uhMSI19]. **Cycle-True** [ZNF21].

**D** [PKC<sup>+</sup>20, VMO<sup>+</sup>23]. **D2** [PGTD23]. **DARKSIDE** [GTP<sup>+</sup>22, GPV<sup>+</sup>22]. **Data** [Ano23g, DAKK19, FHL<sup>+</sup>22, GLS21, KRR22, KGBH22, KK23, LWC18, LVPSB<sup>+</sup>23, RKRF21, Su21, TBS<sup>+</sup>21, ZHL<sup>+</sup>23, RPD<sup>+</sup>15, ZZB<sup>+</sup>20]. **Data-Flow** [FHL<sup>+</sup>22]. **dataflow** [GAE<sup>+</sup>23, YWZL22]. **Datapath** [HMJ23, HMJ24]. **Datapaths** [VROdit22]. **DBPS** [LCN<sup>+</sup>23]. **DC** [LZW<sup>+</sup>15, WCL23, ZLP<sup>+</sup>15, ZLP<sup>+</sup>16]. **DC-DC** [LZW<sup>+</sup>15, ZLP<sup>+</sup>15]. **DCLS** [NKTS23]. **DCT** [HHB23]. **De-RISC** [WMA<sup>+</sup>21, WMR<sup>+</sup>22]. **Deblocking** [AS18]. **Debug** [LKHK23]. **Debugger** [RSR20]. **DECADES** [GCL<sup>+</sup>23]. **Decentralized** [GLS21, NBT22, SLMS21]. **Decimal** [uhMSI19]. **Decoder** [KFGH<sup>+</sup>23, SUAR23]. **Decoupled** [Ant22, MPU<sup>+</sup>23]. **Decryption** [AYA<sup>+</sup>23]. **dedicated** [BMM<sup>+</sup>20]. **Deep** [ABW<sup>+</sup>21, CRRS22, FHY19, HSL<sup>+</sup>23, KSAL21, SLCK21, TBR<sup>+</sup>22, CRRS21]. **Deeply** [JZWL23, QCL<sup>+</sup>23]. **Deeply-coupled** [JZWL23]. **Deflection** [KG17]. **Deflection-Routed** [KG17]. **delay** [LSB22]. **delegated** [CLM<sup>+</sup>22]. **Demonstrating** [PKL21]. **Dependable** [MSDM23, NPA<sup>+</sup>23]. **Deployment** [BCCM21]. **Depth** [KNK<sup>+</sup>21]. **Design** [BSZ<sup>+</sup>21, BSZ<sup>+</sup>24, CWD<sup>+</sup>21, CPLS23, CTSG22, DXT<sup>+</sup>18, DYZ<sup>+</sup>22, DZZZ23, FHD22, GZ22, GMS<sup>+</sup>23, GGH<sup>+</sup>22, GBP21, GXLW22, GKB<sup>+</sup>22, GMV20, GRD22, HWJ23, HSR<sup>+</sup>23, HH21, HH22, HYXW22, HSWM23, HMJ22, HGD<sup>+</sup>19, IK21a, KM21, LHC19, LCF23, LYL23, LHK23, LLS22, LZH20, LLL<sup>+</sup>21, Lu22, MCL22, MLPH23, MSSS23, MZZG22, uhMSI19, NKTS23, NSM<sup>+</sup>23, NRLH22, OPY<sup>+</sup>18, OCMP19, PDLC18, PKC<sup>+</sup>20, PAPJ<sup>+</sup>23, PGTD23, PCW<sup>+</sup>22, POMD22, PSZMM21, PNV22, QLC20, RSA<sup>+</sup>23, RFS20, RCS<sup>+</sup>19, SGP<sup>+</sup>23, SVM<sup>+</sup>23, SLBJ23, SJER23, SWWL23, SSB<sup>+</sup>19, SFGB20, SS22, TMR<sup>+</sup>19, TGT<sup>+</sup>23, WLY<sup>+</sup>22, WWGW23, WTY<sup>+</sup>23, YBR<sup>+</sup>23, YNYD23, YLT<sup>+</sup>23, YTÖ21, ZTC21, ZHC<sup>+</sup>18, ZWB19, ZGL<sup>+</sup>21, ZZZ21, ZGG23, ZZQ21, ZWL<sup>+</sup>23, ZNF21, BMM<sup>+</sup>20, BCM<sup>+</sup>21, Bar20, BPS<sup>+</sup>23, HSL<sup>+</sup>23, HP18, LF22, Liu21, RPSD16, SJYZ22]. **Designed** [Ano22, MMGC20, QLH21, WBH<sup>+</sup>18, DDM<sup>+</sup>20, ZZW<sup>+</sup>19]. **Designing** [CSM<sup>+</sup>21, MSJ19]. **Designs** [CPWG23]. **Detection** [GKB<sup>+</sup>22, HSWM23, HUL<sup>+</sup>22, HCL<sup>+</sup>21, LRF<sup>+</sup>21, LHD<sup>+</sup>21, LHC<sup>+</sup>21, LCF23, LXC23, PCL<sup>+</sup>23, PGTD23, UD20, KSAL21, LHD<sup>+</sup>22, SJYZ22, ZZW<sup>+</sup>19]. **Detection-Based** [UD20]. **Developing** [JHL<sup>+</sup>21, PCL<sup>+</sup>23, PHC<sup>+</sup>23, TSABTM20, XYT<sup>+</sup>22, XYT<sup>+</sup>23]. **Development** [And20, CRMR<sup>+</sup>23, EHN23, HCW23, SNM22, Suv21a, SKK<sup>+</sup>22, ZCH<sup>+</sup>23, Bar20, PKL21]. **Developments** [AAB<sup>+</sup>23]. **Device** [Lu21b, SB23, WHB<sup>+</sup>22]. **Devices** [ASH19, CWS<sup>+</sup>23, CWS<sup>+</sup>24, GST<sup>+</sup>17, HCL<sup>+</sup>21, JBK23, MRAM<sup>+</sup>23, MTJ<sup>+</sup>22, NPA<sup>+</sup>23, SMJ21, CTN18, EHN23, SCL<sup>+</sup>21]. **DFT** [ZCH<sup>+</sup>23]. **Diagnostic** [MGZ<sup>+</sup>23]. **Differences** [Cho18, Cho19]. **Different** [AKMS21, KIS22]. **Digit** [HSE<sup>+</sup>24]. **Digital** [CCC<sup>+</sup>19, GLS21, GJC23, HH21, HH22, HSEKD21, RZAH<sup>+</sup>19a, KSSMRB23,

TCL<sup>+21</sup>, Ano23f, WBH<sup>+18</sup>]. **Dilemma** [HCW23]. **Dilithium** [GJC23]. **Direct** [JRW<sup>+23</sup>, MDR19]. **Directional** [KG17]. **Disassembler** [GSDB18]. **Discussion** [APHD21a]. **dispatch** [HK20, KKC<sup>+16</sup>]. **DIV** [LGB17]. **Division** [HSE<sup>+24</sup>]. **DNA** [WHB<sup>+22</sup>]. **DNN** [AWB<sup>+23</sup>, ADF<sup>+23</sup>, CTN18, CPG<sup>+23</sup>, CRP<sup>+23</sup>, GPV<sup>+22</sup>, GTP<sup>+22</sup>, HM21, KSAL21, LCN<sup>+23</sup>, OGT<sup>+20</sup>, WXY<sup>+22</sup>]. **DOJO** [TSW<sup>+23</sup>]. **Domain** [HP18, OBSB23, XHY<sup>+20</sup>, ZXXH22, Pat18]. **Domain-Specific** [OBSB23, XHY<sup>+20</sup>, ZXXH22, HP18, Pat18]. **Domains** [DMR<sup>+20</sup>]. **Domestic** [WLC22]. **Dot** [KBBA17]. **double** [LWA<sup>+14</sup>]. **double-precision** [LWA<sup>+14</sup>]. **Driven** [DWG<sup>+20</sup>, MRB<sup>+23</sup>, FHD22, LKHK23, RCS<sup>+19</sup>, gMCP19]. **Drones** [Ben23]. **Drop** [HLHK19, YLT22]. **Drop-In** [HLHK19]. **DSP** [GST<sup>+17</sup>, LWD20, LYL23, Su21]. **Dual** [CYJ<sup>+22</sup>, HMTL21, KSRT23, SUAR23, WSK<sup>+20</sup>, EHN23, GMV20, NKTS23]. **Dual-Core** [SUAR23, WSK<sup>+20</sup>, CYJ<sup>+22</sup>, HMTL21, EHN23]. **Dual-Issue** [KSRT23]. **dummy** [LSB22]. **DuVisor** [CLM<sup>+22</sup>]. **DVFS** [TBK<sup>+19</sup>, TLS22]. **DVINO** [CCC<sup>+22</sup>]. **Dynamic** [BDdD19a, CMV21, CKTG21, DHL<sup>+21</sup>, KCGL23, LCN<sup>+23</sup>, PDLC18, TBK<sup>+19</sup>, TCH23, WW21, ZWL<sup>+20</sup>, PRP<sup>+23</sup>]. **Dynamically** [QLC20].

**E203** [SJYZ22]. **Early** [HGLD19, LNZ<sup>+22</sup>, ZGD22]. **ECG** [HUL<sup>+22</sup>]. **Ecosystem** [AAA<sup>+21</sup>, EAM<sup>+22</sup>, uhMSI19, PNG20, TZPL21]. **ECU** [ZS23]. **ECUs** [CTSG22, CSO<sup>+23</sup>]. **EDA** [GG18]. **Edge** [AYA<sup>+23</sup>, CSM<sup>+21</sup>, CXL<sup>+20b</sup>, FRC<sup>+18</sup>, FSMU21, GPV<sup>+22</sup>, GTP<sup>+22</sup>, HSR<sup>+23</sup>, LCF23, MST<sup>+23</sup>, MTJ<sup>+22</sup>, NPA<sup>+23</sup>, OGT<sup>+20</sup>, RRC<sup>+20</sup>, Su20, TTB22, WCGL23, Yan20, GRC<sup>+19</sup>, SCM<sup>+21</sup>, WTY<sup>+23</sup>, Raj21, CV22]. **Edge-AI** [CV22]. **Edge-Computing** [CSM<sup>+21</sup>]. **Edition** [HH22]. **Education** [HCP<sup>+21</sup>, MSJ19, MKVD23]. **Educational** [SUM23]. **EEG** [LCF23]. **EEG-based** [LCF23]. **Effect** [AKMS20, CLWL21]. **Effects** [Cho18, Cho19, TAC<sup>+22</sup>, dOTB<sup>+20</sup>]. **Efficiency** [CPWG23, CLR<sup>+21b</sup>, CLR<sup>+21a</sup>, dAGM23, MAS18, LGB17, WWZL17]. **Efficient** [AHB20, BZVCB23, CSZ<sup>+20</sup>, DFA<sup>+23</sup>, DWG<sup>+20</sup>, EGBS22, GTC<sup>+21a</sup>, GTC<sup>+21b</sup>, HMJ23, HMJ24, HGJD20, IK21b, KIS22, KSRT23, LCN<sup>+23</sup>, MLD<sup>+23</sup>, MKB<sup>+23</sup>, MPU<sup>+23</sup>, PCW<sup>+22</sup>, RFS20, SNH22, SUAR23, TBSH22, ZZZ<sup>+23</sup>, ZKS<sup>+23</sup>, CSM22, EHN23, HUL<sup>+22</sup>, HCL<sup>+21</sup>, ZSB20]. **eFPGA** [GCL<sup>+23</sup>, LCG<sup>+23</sup>, SRD<sup>+21</sup>]. **eFPGA-Augmented** [SRD<sup>+21</sup>]. **EHE** [EGBS22]. **Eight** [CKTK23, SWW<sup>+21</sup>, SWW<sup>+22</sup>]. **Eight-Core** [CKTK23, SWW<sup>+21</sup>, SWW<sup>+22</sup>]. **Electronics** [SKK<sup>+22</sup>]. **Elementary** [CWS<sup>+23</sup>, CWS<sup>+24</sup>]. **elevate** [TZPL21]. **Embedded** [AvAG21, BCCM21, DBGJ19, DBGJ20, DK23, FSMU21, dAGM23, HGLD19, HWG22, JK20, KLP<sup>+20</sup>, KKOY19, KSRT23, LKHK23, MSP23, MTCL21, MZZG22, RAPK23, RHD<sup>+23</sup>, SMP22, SG23, SUM23, SAB22, SLB<sup>+22</sup>, TL22, WLI23, ZZG21, ZGMD22, ZGD22, ZHX<sup>+22</sup>, Ano20, DZZZ23, GAE<sup>+23</sup>, KKC<sup>+16</sup>, MP20a, MP20b, SFAAL22, ZJX20]. **Emission** [SG23]. **Emoji** [BJN23]. **Emotion** [LCF23]. **Empiricism** [SJM<sup>+20</sup>]. **EMS** [GG18]. **emulated** [MRGRCR<sup>+21b</sup>]. **Emulates** [LKHK23]. **Emulation** [CRMR<sup>+23</sup>, KEAS<sup>+18</sup>, OBB<sup>+24</sup>, PPYB23, ZZB<sup>+20</sup>, ZUSK23]. **Emulator** [LRB18]. **En/Decryption** [AYA<sup>+23</sup>]. **Enable** [PFD21]. **Enabled** [TGRK19, TGRK21]. **Enabling** [CKTG21, FSMU21, GTC<sup>+21a</sup>,

GTC<sup>+21b</sup>, MS17]. **Enclave** [SJBS21]. **Encoder** [KKEG22, ZPRD22, WWW23]. **Encryption** [AYA<sup>+23</sup>, Cil21, FdRES23, Lu22, PS22a, YXH20]. **End** [CPG<sup>+23</sup>, GM21, GTC<sup>+21a</sup>, GTC<sup>+21b</sup>, KHS<sup>+23</sup>, SRD<sup>+21</sup>]. **End-Node** [CPG<sup>+23</sup>]. **End-to-End** [GM21, KHS<sup>+23</sup>]. **Endpoint** [CWS<sup>+23</sup>, CWS<sup>+24</sup>, GST<sup>+17</sup>]. **Energy** [CSZ<sup>+20</sup>, CPWG23, DWG<sup>+20</sup>, ET21, FGD<sup>+19</sup>, GTC<sup>+21a</sup>, GTC<sup>+21b</sup>, HMJ23, HMJ24, HCL<sup>+21</sup>, KIS22, KSRT23, MTT21, MKB<sup>+23</sup>, MRAM<sup>+23</sup>, SNH22, WT19, ZB19, WWZL17]. **Energy-Efficient** [CSZ<sup>+20</sup>, DWG<sup>+20</sup>, HMJ23, HMJ24, KIS22, KSRT23, MKB<sup>+23</sup>, SNH22, HCL<sup>+21</sup>]. **Enforcement** [FHL<sup>+22</sup>]. **Engine** [ER GK21, YXH20]. **Engineering** [Sew21]. **enhanced** [HP18]. **Enhancement** [KK23]. **Enhancing** [ZKS<sup>+23</sup>]. **entropy** [SNM22]. **Environment** [BCZ21a, HDT<sup>+20</sup>, KHS<sup>+23</sup>, MCL<sup>+21</sup>, NSM<sup>+23</sup>, OCOMP19, SNK22, SNOT21, BMM<sup>+20</sup>]. **Environments** [AVS<sup>+22</sup>, SMMD23, SGCGCR17]. **Epilepsy** [HSWM23, HCL<sup>+21</sup>, LHC<sup>+21</sup>]. **Error** [Cho18, Cho19, DXYZ19, GDR<sup>+22</sup>, GKB<sup>+22</sup>, KFGH<sup>+23</sup>, KGHRM23, LNZ<sup>+22</sup>, SJER23, UD20, VSD22, WCL23, YLC21, ZC23]. **Error-Correction** [KFGH<sup>+23</sup>, KGHRM23]. **Error-Resilient** [WCL23]. **Error-Tolerant** [VSD22]. **Errors** [ARH<sup>+22</sup>, FKS22]. **Esperanto** [DEA<sup>+21</sup>, DtEt22]. **Estimation** [KMB22, ZGMD22, ZGD22]. **ET-SoC-1** [DEA<sup>+21</sup>, DtEt22]. **ETC** [ZSM21]. **Ethereum** [GLS21, SLMS21]. **Ethernet** [CRMR<sup>+23</sup>]. **Ethical** [HSR<sup>+23</sup>]. **Europe** [AAC<sup>+23</sup>]. **European** [FDMM22]. **Evaluate** [VOK<sup>+22</sup>]. **Evaluating** [IVZV20, KCGL23, MAS18, MTJ<sup>+22</sup>, RZAH<sup>+19b</sup>, SNK22, dOTB<sup>+20</sup>, dOK23, GYW<sup>+23</sup>]. **Evaluation** [AS22, APHD21a, APHD21b, AMRCP21, BSSW21, CG23, DAPS21, DDM<sup>+20</sup>, FTRH20, FHD22, GMFC23, HJ23, HLHK19, HGD20b, HHB<sup>+19</sup>, ISM<sup>+23</sup>, JBK23, JS23, KIS22, uhMSI19, MÇB22, PPYB23, SSB22, TMR<sup>+19</sup>, ZZZ<sup>+23</sup>, FKS22, VMFL23]. **Even** [Szk21]. **Event** [BWZ<sup>+21</sup>, CLWL21, EGBS22, MST<sup>+23</sup>, MRB<sup>+23</sup>, Suv21b]. **Event-Based** [MST<sup>+23</sup>]. **Event-Driven** [MRB<sup>+23</sup>]. **Everyone** [RBK18]. **Exa** [TSW<sup>+23</sup>]. **Exa-Scale** [TSW<sup>+23</sup>]. **Exact** [KBBA17]. **Executed** [ZPRD23]. **Execution** [AVS<sup>+22</sup>, BCZ21a, BHD23, GZ22, GCCR21, GCR<sup>+23</sup>, HDT<sup>+20</sup>, IZG22, MCL<sup>+21</sup>, MAS18, SNOT21, TZG<sup>+23</sup>, ZHX<sup>+22</sup>]. **Experimental** [FKS22]. **Experiments** [CLC<sup>+20</sup>, CRRS21]. **exploiting** [TLS22, ZNF21]. **Exploration** [BSZ<sup>+21</sup>, BSZ<sup>+24</sup>, GRD22, HJ23, KG22c, LHK23, MSR<sup>+21</sup>, SVM<sup>+23</sup>, SLBJ23, TAC<sup>+22</sup>]. **Explorer** [BSZ<sup>+21</sup>, BSZ<sup>+24</sup>]. **Exploring** [CMV21, Lu21b, PGZMG21, RBK18, SG23, PJJ21]. **Exposed** [HMJ23, HMJ24]. **Exposing** [TBS<sup>+21</sup>]. **ExSdotp** [BPF<sup>+22</sup>]. **Extend** [WZW<sup>+19</sup>]. **Extended** [GM21, JHLD21, KK23, MR22, SED<sup>+23</sup>, TCL<sup>+21</sup>, WLI23, GMS<sup>+23</sup>, HYXW22]. **Extending** [AS18, AHB20, FSS20, PS22b, PMBA19, TEYK21, TYEK21, VROdit22, ZPRD21]. **Extensible** [HGLD18]. **Extension** [ABP22, AHV<sup>+21</sup>, BPF<sup>+22</sup>, CLC<sup>+20</sup>, CXL<sup>+20a</sup>, DAHK20, DCL23, GZC22, HVW<sup>+21</sup>, HCZ21, ISM<sup>+23</sup>, JSB20, JZWL23, KA20, KKOY19, KZH22, KFGH<sup>+23</sup>, KGHRM23, MCL<sup>+21</sup>, MC22, MTCL21, MZZG22, NDZ<sup>+21</sup>, PPS<sup>+19</sup>, PGZMG21, PSM23, RSR21, RMF22, SZHB21, TGMD20, TGMD21, WWL<sup>+20</sup>, WLW<sup>+21</sup>, WY23, YCL<sup>+23</sup>, ZHC<sup>+18</sup>, ZXXH22, ZKS<sup>+23</sup>, MB16, PKKK22, TZ22, VMFL23]. **Extensions** [CLW23, DBGJ19, FHD22, GTC<sup>+20</sup>, GST<sup>+17</sup>, dAGM23, GMK<sup>+23</sup>, KAMS19, LCN<sup>+23</sup>, LMP23, SPDLP<sup>+22</sup>, Su21, SNK22, YYP<sup>+22</sup>, MMR<sup>+17</sup>, TMR<sup>+19</sup>, ZJX20]. **Extraction** [GTD<sup>+23</sup>, LWLA23]. **Extreme**

[GPV<sup>+22</sup>, GTP<sup>+22</sup>, OGT<sup>+20</sup>, RRC<sup>+20</sup>, TTB22, SCM<sup>+21</sup>]. **Extreme-Edge** [GPV<sup>+22</sup>, GTP<sup>+22</sup>, OGT<sup>+20</sup>, RRC<sup>+20</sup>, SCM<sup>+21</sup>].

**Fabric** [DXT<sup>+18</sup>]. **Factors** [TDH<sup>+23</sup>]. **Fail** [TDPD<sup>+21</sup>]. **Fail-Reason** [TDPD<sup>+21</sup>]. **Families** [FDS<sup>+23</sup>]. **Fast** [BHT<sup>+21</sup>, DXT<sup>+18</sup>, HGTD20, HGD20b, MTCL21, MGZ<sup>+23</sup>, MMA<sup>+18</sup>, PLSK20, RSS<sup>+21</sup>, KHH22, WWZL17]. **faster** [CRRS21]. **Fault** [AKMS20, AMRCP21, BWZ<sup>+21</sup>, BMM<sup>+20</sup>, BCM<sup>+21</sup>, DKA<sup>+22</sup>, ELG20, GAMG<sup>+23</sup>, KNK<sup>+21</sup>, LBDPP19, gMCP19, POMD22, RMP<sup>+19</sup>, SLZ<sup>+20</sup>, SML<sup>+22</sup>, SMMD23, SMGS22, SR22, SUAR23, TAC<sup>+22</sup>, WW19, WW21, dOK23, JS23]. **Fault-Safe** [gMCP19]. **Fault-Tolerance** [RMP<sup>+19</sup>]. **Fault-Tolerant** [SLZ<sup>+20</sup>, SML<sup>+22</sup>, SMMD23, SR22, SUAR23, dOK23]. **Faults** [YLC21]. **Faulty** [AVS<sup>+22</sup>]. **FD** [CSZ<sup>+20</sup>, KCZ<sup>+17</sup>, MSZB19, PS22b, SAW<sup>+20</sup>, SPDLP<sup>+22</sup>, WSK<sup>+20</sup>]. **FD-SOI** [CSZ<sup>+20</sup>, KCZ<sup>+17</sup>, MSZB19, SAW<sup>+20</sup>, SPDLP<sup>+22</sup>, WSK<sup>+20</sup>]. **FDSOI** [DCC<sup>+23</sup>, UD18, UD20, ZB19, ZLP<sup>+15</sup>, ZLP<sup>+16</sup>]. **features** [MS17]. **Featuring** [GCR<sup>+23</sup>, DGA<sup>+17</sup>]. **FemtoRV32** [NWP<sup>+23</sup>]. **FFT** [JZWL23, VMFL23, WRD<sup>+17</sup>, ZZQ21]. **Fi** [WRD<sup>+17</sup>]. **fibrillation** [HUL<sup>+22</sup>]. **Field** [KGHRM23]. **Files** [Ano21]. **Filter** [AS18]. **Fine** [NRB<sup>+23</sup>, RSM<sup>+23</sup>, SAW<sup>+20</sup>, WSK<sup>+20</sup>, NKTS23]. **Fine-Grain** [NRB<sup>+23</sup>, WSK<sup>+20</sup>]. **Fine-Grained** [SAW<sup>+20</sup>, RSM<sup>+23</sup>, NKTS23]. **FinFET** [BHR<sup>+18</sup>, BRH<sup>+19</sup>, GCL<sup>+23</sup>, GZK<sup>+21</sup>, HMTL21, SWW<sup>+21</sup>, SWW<sup>+22</sup>, WRD<sup>+17</sup>, WBH<sup>+18</sup>, WBH<sup>+19</sup>, GAE<sup>+23</sup>]. **FIRECAP** [TDPD<sup>+21</sup>]. **FireSim** [FHY19]. **Firmware** [HGD<sup>+19</sup>, BCZ21b]. **First** [BFP<sup>+22</sup>, Gen24, SMP22, WMA<sup>+21</sup>]. **Five** [PMKZ22, CSM22]. **Five-Stage** [PMKZ22].

**Fixed** [Liu21, YCL<sup>+23</sup>]. **Fixed-point** [Liu21, YCL<sup>+23</sup>]. **FIXER** [DBGJ19]. **Flash** [BFC<sup>+23</sup>]. **Flash-Based** [BFC<sup>+23</sup>]. **FlexBex** [DAHK20]. **Flexible** [GTC<sup>+21a</sup>, GTC<sup>+21b</sup>, KKH<sup>+20</sup>, RSR20, SRD<sup>+21</sup>, Su21, DKC<sup>+21</sup>]. **Flip** [BWZ<sup>+21</sup>]. **Flip-Flops** [BWZ<sup>+21</sup>]. **Floating** [Ano20, BPM<sup>+21</sup>, CSZ<sup>+20</sup>, MSZB19, PSS23, PCO<sup>+23</sup>, SEG20, ZSB20, ZSB21, PRS<sup>+15</sup>, YWZL22, BDdD19b]. **Floating-Point** [Ano20, BPM<sup>+21</sup>, CSZ<sup>+20</sup>, MSZB19, PSS23, PCO<sup>+23</sup>, SEG20, ZSB21, ZSB20, YWZL22, BDdD19b]. **flop** [MSZB19]. **Flops** [BWZ<sup>+21</sup>]. **Florian** [PHC<sup>+23</sup>]. **Flow** [Ant22, DBGJ19, FHL<sup>+22</sup>, KMB22, PDLC18, PKC<sup>+20</sup>, SS19, SSB<sup>+19</sup>, WGZ<sup>+23</sup>, ZPRD23, MRSBGR<sup>+20</sup>, PKKK22, SJYZ22]. **FMA** [QCL<sup>+23</sup>]. **Forecasting** [CDF<sup>+20</sup>]. **Forest** [TTB22]. **Forest-Based** [TTB22]. **Formal** [CAL23, DMR<sup>+20</sup>, FAPHD23, GM21, Sew21, TBLD23, TAC<sup>+22</sup>, WMGD23, XLZ23]. **forward** [PKKK22]. **Four** [GZ22, LCG<sup>+23</sup>]. **Four-Stage** [GZ22]. **FP16** [TBR<sup>+22</sup>]. **FPGA** [APSH<sup>+22</sup>, BCCM21, CMV21, CKTG21, Cil21, DPV<sup>+17</sup>, DDM<sup>+20</sup>, DXYZ19, EAI19, FvHC<sup>+23</sup>, GAO21, GMV20, Gra16, GSDB18, HHB23, HCP<sup>+21</sup>, HSWM23, HM21, IFO<sup>+18</sup>, JSB20, KHG20, KG22b, KFGH<sup>+23</sup>, LCYK20, LCF23, MCL22, MLPH23, MFM<sup>+19</sup>, MSJ19, MSR<sup>+21</sup>, NHML<sup>+22</sup>, OBB<sup>+24</sup>, PLSK20, PSZMM21, QLC20, SUM23, SSB<sup>+19</sup>, SSD<sup>+22</sup>, TLS22, WSMRM20, WHB<sup>+22</sup>, WLC22, YLT<sup>+23</sup>, ZUSK23, ZCH22, ZC23, dOTB<sup>+20</sup>, dOK23]. **FPGA-Based** [CKTG21, IFO<sup>+18</sup>, KFGH<sup>+23</sup>, OBB<sup>+24</sup>, ZUSK23, APSH<sup>+22</sup>, Cil21, KG22b]. **FPGA-Optimized** [MFM<sup>+19</sup>]. **FPGAs** [BFC<sup>+23</sup>, HHB<sup>+19</sup>, KAR<sup>+19</sup>, KG17, MAS18, RTRM19, WW19, WW21, WWB23, ZZB<sup>+20</sup>]. **FPU** [BPM<sup>+21</sup>, PHC<sup>+23</sup>]. **Framework** [BSZ<sup>+21</sup>, DKA<sup>+22</sup>, EEI<sup>+18</sup>,

**GMS**<sup>+23</sup>, **KEAS**<sup>+18</sup>, **LKHK23**, **LNA21**, **LHK23**, **MSJ19**, **MSR**<sup>+21</sup>, **NRA**<sup>+22</sup>, **SSR**<sup>+18</sup>, **SJM**<sup>+20</sup>, **SSD**<sup>+22</sup>, **ZBZ**<sup>+23</sup>, **ZNF21**, **BCZ21a**, **MS17**, **MRGRCR**<sup>+21a</sup>, **SCL**<sup>+21</sup>. **frameworks** [KSAL21]. **Fraud** [GLS21]. **Free** [DPP22, AP14]. **FreeBSD** [Hor20]. **FreeBSD/RISC** [Hor20]. **FreeBSD/RISC-V** [Hor20]. **Freedom** [Ano21]. **Frequency** [DHL<sup>+21</sup>]. **Frequent** [MTT21]. **FrodoKEM** [KFS22]. **fruit** [KSAL21]. **Full** [BHT<sup>+21</sup>, SZHB21, Sew21]. **Full-Platform** [BHT<sup>+21</sup>]. **Full-scale** [Sew21]. **Fully** [HC20, PS22a, WCL23, ZHL<sup>+23</sup>, Ano20]. **Fully-Homomorphic** [PS22a]. **Fully-Parallel** [ZHL<sup>+23</sup>]. **Function** [GZC22]. **Functional** [ASE<sup>+21</sup>, JRD<sup>+23</sup>, LPZ19, YLC21, MRSBGR<sup>+20</sup>, SC17]. **Functions** [CWS<sup>+23</sup>, CWS<sup>+24</sup>, LMP23]. **future** [AAC<sup>+23</sup>, TCL<sup>+21</sup>].

**Galois** [KGHRM23]. **GaN** [RLL<sup>+21</sup>]. **GaN-Applications** [RLL<sup>+21</sup>]. **Gap** [BB21, HGD20a, HM21, FRC<sup>+18</sup>]. **GAP-8** [FRC<sup>+18</sup>]. **Gateway** [CXLL22]. **Gateways** [RRJ<sup>+21</sup>]. **gem5** [RSRT19]. **General** [SNOT21, MRGRCR<sup>+21b</sup>, TZ22]. **general-purpose** [TZ22]. **Generated** [BHR<sup>+18</sup>, SBJ21]. **Generating** [EEI<sup>+18</sup>, GGÁARG<sup>+21</sup>, SBJ21]. **Generation** [BFP<sup>+22</sup>, FSPB21, FDS<sup>+23</sup>, GLS21, GD19, LNA21, LPZ19, TH22, TBLD23, Ben23, CSO<sup>+23</sup>]. **Generator** [Ano23e, Ant22, BRH<sup>+19</sup>, CKK<sup>+18</sup>, MKM20, TS20, TTDD21, WTS21, LSB22, SBJ21]. **Generic** [GTCS21, OPY<sup>+18</sup>, RKH<sup>+23</sup>]. **Genome** [LVPSB<sup>+23</sup>]. **Genotype** [MRB<sup>+23</sup>]. **Gesture** [ZWL<sup>+20</sup>]. **Getting** [Hor20]. **GFLOPS** [LWA<sup>+14</sup>]. **GFLOPS/W** [LWA<sup>+14</sup>]. **GHz** [CSZ<sup>+20</sup>, RZAH<sup>+19a</sup>, SWW<sup>+22</sup>, SPDLP<sup>+22</sup>, WBH<sup>+18</sup>, WBH<sup>+19</sup>, ZB19]. **Giga** [GCL<sup>+23</sup>, RZAH<sup>+19a</sup>, RZAH<sup>+19b</sup>]. **Giga-RISC-V** [RZAH<sup>+19b</sup>]. **Global** [WLW<sup>+21</sup>]. **GlobalPlatform** [SNOT20]. **Go** [SC17]. **GoblinCore** [LWC18]. **GoblinCore-64** [LWC18]. **golden** [HP18]. **GOPS** [GZK<sup>+21</sup>]. **GOPS/W** [GZK<sup>+21</sup>]. **GOST** [DNN23]. **GOST-28147-89** [DNN23]. **GPC** [LNB<sup>+23</sup>]. **GPGCN** [TZ22]. **GPGPU** [ETR<sup>+20</sup>, TEYK21, TYEK21]. **GPUs** [TSS<sup>+22</sup>]. **Grade** [WMA<sup>+21</sup>, WMR<sup>+22</sup>]. **Grain** [NRB<sup>+23</sup>, VROdit22, WSK<sup>+20</sup>]. **Grained** [SAW<sup>+20</sup>, NKTS23, RSM<sup>+23</sup>]. **granularity** [HYXW22]. **Graph** [DYZ<sup>+22</sup>, TZ22]. **Graphic** [TSS<sup>+22</sup>]. **Graphics** [TEYK21, WY23, TYEK21, ZJX20]. **Grid** [CYJ<sup>+22</sup>, SLMS21, TS20, WTS21]. **GRVI** [Gra16]. **GVSoc** [BHT<sup>+21</sup>].

**H.265** [AS18]. **H.265/HEVC** [AS18]. **HAMSA** [KSRT23]. **HAMSA-DI** [KSRT23]. **Hardened** [DAPS21]. **Hardened-by-Replication** [DAPS21]. **Hardening** [MSDM23]. **Hardware** [AKMS20, ABM<sup>+23</sup>, ARH<sup>+22</sup>, Ant22, AHV<sup>+21</sup>, Bau17, BPF<sup>+22</sup>, BPS<sup>+23</sup>, CTSG22, DBGJ20, DCM23, DYZ<sup>+22</sup>, DLMP21, EMMB19, EGBS22, FSS20, Gen24, GWZS23, GMK<sup>+23</sup>, HVW<sup>+21</sup>, HSL<sup>+23</sup>, HLHK19, KFS22, KSFS24, KEAS<sup>+18</sup>, KYDÖ21, KBBA17, Lu21a, MCL<sup>+21</sup>, uhMSI19, NRA<sup>+22</sup>, NKH<sup>+21</sup>, OBB<sup>+24</sup>, PGTD23, QLH21, RHS<sup>+22</sup>, RSM<sup>+23</sup>, RFS20, RHD<sup>+23</sup>, SMGS22, SWWL23, SJBS21, TML<sup>+17a</sup>, TML<sup>+17b</sup>, TML<sup>+17c</sup>, YXH20, ZHX<sup>+22</sup>, ZWL<sup>+23</sup>, ZHL<sup>+23</sup>, ZNF21, ZZL<sup>+22</sup>, DL17, HP18, SBJ21, SCM<sup>+21</sup>, TDPD<sup>+21</sup>, TCL<sup>+21</sup>, ZPRD21, ZZW<sup>+19</sup>]. **Hardware-Assisted** [ZHX<sup>+22</sup>]. **Hardware-In-The-Loop** [OBB<sup>+24</sup>]. **Hardware/Software** [DLMP21, RFS20, ZWL<sup>+23</sup>, HP18]. **Harmful** [PW17b]. **Hart** [USQ<sup>+22</sup>]. **Hash** [LMP23]. **Hawkebit** [SCL<sup>+21</sup>]. **Hazard** [DPP22]. **HD** [TBSh22]. **HDL**

[BBV<sup>+</sup>23, LCCS21]. **Healing** [ZZZ<sup>+</sup>23]. **Heaps** [DG22]. **HeapSafe** [DG22]. **Heterogeneous** [APSH<sup>+</sup>22, CPG<sup>+</sup>23, FGD<sup>+</sup>19, GCL<sup>+</sup>23, GPV<sup>+</sup>22, GTP<sup>+</sup>22, GZK<sup>+</sup>21, KG22a, RMP<sup>+</sup>19, VTS<sup>+</sup>23, WLC22, XZW<sup>+</sup>22, ZBA<sup>+</sup>20, WTY<sup>+</sup>23, EHK20]. **HEVC** [AS18]. **Hidden** [LBDPP19]. **Hierarchical** [BWZ<sup>+</sup>21]. **Hierarchy** [PKN<sup>+</sup>20]. **High** [Ano23c, Ano23d, AMG<sup>+</sup>20, BFP<sup>+</sup>22, BP21, CXL<sup>+</sup>20a, DNN23, FHL<sup>+</sup>22, GRD22, HBSE22, HK20, KZH22, LPZ19, LRB18, MMGC20, MZZG22, MPU<sup>+</sup>23, PAPJ<sup>+</sup>23, QCL<sup>+</sup>23, RLL<sup>+</sup>21, SJR<sup>+</sup>23, WLW<sup>+</sup>21, XYT<sup>+</sup>22, XYT<sup>+</sup>23, YXH20, ZZB<sup>+</sup>20, ZWL<sup>+</sup>20, ZCH<sup>+</sup>23, ZXXH22, ZCH22, ZHL<sup>+</sup>23, DKC<sup>+</sup>21, KHH22, MS17, WWZL17, WWL<sup>+</sup>20]. **High-bandwidth** [ZZB<sup>+</sup>20]. **High-Level** [GRD22, MMGC20]. **High-Performance** [Ano23c, Ano23d, BFP<sup>+</sup>22, BP21, LRB18, MZZG22, SJR<sup>+</sup>23, XYT<sup>+</sup>23, YXH20, ZXXH22, HK20, ZCH22, DKC<sup>+</sup>21, KHH22]. **High-precision** [ZWL<sup>+</sup>20]. **High-Quality** [LPZ19]. **High-Speed** [HBSE22, KZH22, RLL<sup>+</sup>21]. **High-Throughput** [DNN23]. **Highly** [BHT<sup>+</sup>21, LYZH20, PCW<sup>+</sup>22, ZSM21]. **Hint** [EGBS22]. **Hint-Based** [EGBS22]. **HIRMA** [SJR<sup>+</sup>23]. **Hits** [Gen24]. **HL5** [MMGC20]. **HLS** [CWD<sup>+</sup>21]. **Home** [LXC23, LZH20, Szk21]. **Home-Brew** [Szk21]. **Homomorphic** [AYA<sup>+</sup>23, PS22a]. **Hoplite** [KG17]. **Horizon** [AAC<sup>+</sup>23]. **Host** [OBSB23]. **Hot** [Szk21]. **Hotspot** [CPWG23]. **HPC** [OBB<sup>+</sup>24, PFD21]. **HPCG** [GMFC23]. **HPME** [YXH20]. **HULK** [VTS<sup>+</sup>23]. **HULK-V** [VTS<sup>+</sup>23]. **Hummingbird** [SJYZ22]. **Hunting** [RMR21]. **HW** [BDdD19a, KSSMRB23, RPA22]. **HW/SW** [KSSMRB23]. **Hybrid** [HJ23, KG22b]. **Hyperdimensional** [TBSh22]. **HyperSplit** [PLSK20]. **hypervisor** [CLM<sup>+</sup>22, MP20a, MP20b]. **Hz** [TBK<sup>+</sup>19]. **I/O** [MRGRCR<sup>+</sup>21b]. **ICs** [PKC<sup>+</sup>20]. **Identification** [FAPHD23, HCL<sup>+</sup>21, KGBH22, MGZ<sup>+</sup>23]. **identifying** [KSAL21]. **IEEE** [BBdD17, IEE21, IEE22, TBL19]. **II** [AHV<sup>+</sup>21, COMP19, HVW<sup>+</sup>21, WAH21]. **ILA** [HZS<sup>+</sup>19]. **Image** [GAO21, SG23]. **Impact** [Cho18, Cho19, KCGL23, VMO<sup>+</sup>23, YLT22, WSMRM20]. **Implantable** [AMG<sup>+</sup>20, GRCRCG<sup>+</sup>20, MRAM<sup>+</sup>23]. **Implement** [LCCS21, VOK<sup>+</sup>22]. **Implementation** [ABC<sup>+</sup>20, ASE<sup>+</sup>21, CTN18, Cil21, FWZL19, FHD22, GAO21, GSDB18, HHB23, HSWM23, HSEKD21, HMTL21, HM21, ISM<sup>+</sup>23, JSB20, KS22, KKE<sup>+</sup>22, LHC19, LZH20, LNB<sup>+</sup>23, MR22, NRA<sup>+</sup>22, NWP<sup>+</sup>23, NHML<sup>+</sup>22, PDLC18, PSZMM21, QLC20, RRJ<sup>+</sup>21, RSA<sup>+</sup>23, SJR<sup>+</sup>23, SUM23, SAF<sup>+</sup>23, SSB<sup>+</sup>19, SFGB20, SS22, SNOT20, TS20, TT22, TGT<sup>+</sup>23, TA22, VMFL23, WSMRM20, WWGW23, WTS21, WYK21, WHB<sup>+</sup>22, WLC22, YBR<sup>+</sup>23, YNYD23, YTL<sup>+</sup>23, YTÖ21, ZGL<sup>+</sup>21, ZZQ21, DZZZ23, EAI19, GBP21, GG18, KSSMRB23, SCM<sup>+</sup>21, ZJX20]. **Implementations** [SJER23, DAK<sup>+</sup>21]. **Implemented** [CCC<sup>+</sup>22, FdRES23, EHN23, SMGS22]. **Improved** [LWD20, HK20, JS23]. **Improving** [dAGM23, RAPK23, TLS22, ZZZ<sup>+</sup>23]. **Imputation** [MRB<sup>+</sup>23]. **In-Depth** [KNK<sup>+</sup>21]. **In-Hardware** [HLHK19]. **in-network** [DKC<sup>+</sup>21]. **In-Order** [SPDLP<sup>+</sup>22]. **In-System** [WDM22]. **including** [GCL<sup>+</sup>23]. **Increase** [VKG22]. **IndiRA** [TGT<sup>+</sup>23]. **induced** [FKS22]. **Industrial** [CXL<sup>+</sup>20a, YLT<sup>+</sup>23]. **Industry** [EAI19, LKHK23]. **Inevitable** [RK23]. **Inference** [AEAS21, ADF<sup>+</sup>23, DFA<sup>+</sup>23, GTC<sup>+</sup>21a, GTC<sup>+</sup>21b, GPV<sup>+</sup>22, GTP<sup>+</sup>22, GDR<sup>+</sup>22, NRB<sup>+</sup>23, OGT<sup>+</sup>20, PMBA19,

SB23, TTB22, TBSH22, GRC<sup>+19</sup>].  
**Information** [MTAL22, PDLC18, POMD22, SS19, WGZ<sup>+23</sup>]. **Infrastructure** [ZZB<sup>+20</sup>]. **infrastructures** [AAC<sup>+23</sup>]. **ing** [DCM23].  
**Injection** [AMRCP21, BWZ<sup>+21</sup>, DXYZ19, ELG20, JRW<sup>+23</sup>, KNK<sup>+21</sup>, LBDPP19, POMD22, WW21]. **Innovating** [CXL<sup>+20b</sup>].  
**Input** [TLB<sup>+22</sup>]. **Insertion** [LSB22].  
**Insights** [SG23]. **Inst** [RZAH<sup>+19a</sup>]. **Inst/s** [RZAH<sup>+19a</sup>]. **Instance** [BRH<sup>+19</sup>].  
**instantiation** [DL17]. **Instruction** [AKMS21, AP14, CLW23, DAHK20, DDM<sup>+20</sup>, DMR<sup>+20</sup>, FSS20, FHD22, GZC22, GAMG<sup>+23</sup>, dAGM23, HMJ22, HMJ23, HMJ24, HCZ21, HZS<sup>+19</sup>, JSB20, JZWL23, JHLD21, JHQ23, JRW<sup>+23</sup>, KLP<sup>+20</sup>, KG22c, KGBH22, LPZ19, Liu21, MR22, NDZ<sup>+21</sup>, NKH<sup>+21</sup>, Pat17, PPS<sup>+19</sup>, PMKZ22, QLC20, RHGD21, SNH22, SUAR23, TBLD23, WZW<sup>+19</sup>, WZW<sup>+21</sup>, WLI23, WA21, WAH21, ZPRD22, ZHC<sup>+18</sup>, ZHX<sup>+22</sup>, ZZL<sup>+22</sup>, HYXW22, PKL21, PKKK22, Pat18, RPSD16, WLA<sup>+13</sup>, ZJX20].  
**Instruction-Controlled** [SNH22].  
**Instruction-Level** [HZS<sup>+19</sup>, KLP<sup>+20</sup>].  
**Instruction-Set** [HMJ22]. **Instructions** [BSSW21, CWS<sup>+23</sup>, CWS<sup>+24</sup>, GCL<sup>+23</sup>, KAMS19, KKEG22, LYL23, MMD<sup>+22a</sup>, NNPG23, PW17b, RZAH<sup>+19b</sup>, KK21, LSB22, LGB17, PJJ21, WWW23].  
**Instructions/s** [RZAH<sup>+19b</sup>]. **Insulin** [YBR<sup>+23</sup>]. **INT** [SSB22]. **Integer** [ADF<sup>+23</sup>, PCO<sup>+23</sup>, PMKZ22]. **Integrate** [MMD<sup>+22a</sup>]. **Integrated** [GTCS21, KCZ<sup>+17</sup>, TLB<sup>+22</sup>, TCH23, WCL23, ZSM21, LZW<sup>+15</sup>, MSFK21, WRD<sup>+17</sup>, ZLP<sup>+15</sup>].  
**Integrating** [FHY19]. **Integration** [KFGH<sup>+23</sup>, VMO<sup>+23</sup>, ZLC19, ZBA<sup>+20</sup>, HUL<sup>+22</sup>]. **Integrity** [DBGJ19, FHL<sup>+22</sup>, HYML23, TZG<sup>+23</sup>, TA22, ZPRD23, PKKK22]. **Intel** [CKTK22, CKTK23, NGS20, SNOT20, SNOT21].  
**Intelligence** [MST<sup>+23</sup>, WCGL23].  
**Intelligent** [GCL<sup>+23</sup>, GXLW22, HSR<sup>+23</sup>, LXC23].  
**intended** [SGCGCR17]. **Intensive** [LWC18]. **Inter** [KIS20]. **Inter-Chiplet** [KIS20]. **Interconnect** [LLL<sup>+21</sup>, EHN23].  
**Interface** [GTCS21, KIS20, MST<sup>+23</sup>, NRA<sup>+22</sup>, OPY<sup>+18</sup>, ZS23, SNM22].  
**Interleaved** [BCM<sup>+21</sup>].  
**Interleaved-Multi-Threading** [BCM<sup>+21</sup>].  
**Intermittent** [PPYB23]. **Internal** [SNOT20]. **Internet** [DGA<sup>+17</sup>, SCR<sup>+17</sup>].  
**Internet-of-Things** [SCR<sup>+17</sup>]. **Interposer** [PKC<sup>+20</sup>]. **Interposer-Based** [PKC<sup>+20</sup>].  
**Interpreter** [GVT<sup>+22</sup>]. **interpreters** [KKC<sup>+16</sup>]. **Interrupt** [EHK20, MTCL21].  
**Intrusion** [LXC23]. **Invasive** [TBLD23].  
**Investigation** [OCC<sup>+17</sup>]. **INVITED** [DGH19]. **IO** [NAL22]. **IOT** [ZPRD21, ASE<sup>+21</sup>, ABP22, ASH19, BHT<sup>+21</sup>, CTN18, CXLL22, CWS<sup>+23</sup>, CWS<sup>+24</sup>, CPG<sup>+23</sup>, CRP<sup>+23</sup>, FRC<sup>+18</sup>, GTC<sup>+21a</sup>, GTC<sup>+21b</sup>, GST<sup>+17</sup>, HBSE22, HSR<sup>+23</sup>, LXC23, MLD<sup>+23</sup>, gMCP19, NBT22, PDLC18, SRD<sup>+21</sup>, SSD<sup>+21</sup>, TSABTM20, ZGL<sup>+21</sup>].  
**IoT-Driven** [gMCP19]. **IP** [BBVB20, Bis21, BGVB18, HHB<sup>+19</sup>, KHH22, PPS<sup>+19</sup>, PH18, TL22, WDM22, ZCH22].  
**IP-XACT** [PPS<sup>+19</sup>, PH18]. **IR** [YLT22].  
**Irradiation** [SML<sup>+22</sup>]. **ISA** [AKMS21, AS18, ABP22, AHB20, BPF<sup>+22</sup>, BBVB20, BP21, BGVB18, FAPHD23, GTC<sup>+20</sup>, GBP21, GMK<sup>+23</sup>, HGD20c, IZG22, KGHRM23, LCN<sup>+23</sup>, LGB17, LVR<sup>+20</sup>, MAS18, MB16, PRS<sup>+15</sup>, SZHB21, SFGB20, TMR<sup>+19</sup>, TZ22, TBLD23, TEYK21, TYEK21, TML<sup>+17a</sup>, TML<sup>+17b</sup>, TML<sup>+17c</sup>, WA21, WGZ<sup>+23</sup>, YYP<sup>+22</sup>, ZTC21].  
**ISA-Level** [FAPHD23]. **ISAs** [KRR22].  
**ISE** [MPP21]. **Isolation** [CYJ<sup>+22</sup>, KLP<sup>+20</sup>]. **Issue** [EGBS22, KSRT23, SZHB21]. **ITUS** [KCHYM19].  
**Japan** [TBL19]. **JIT** [DCL23]. **July** [BBdD17]. **June** [IEE21, TBL19].

**Kernel**

[GPL22, HYML23, SMOM19, VMFL23].

**Key** [MLD<sup>+</sup>23]. **Keys** [DCEJ21].**Keystone** [SNOT20, SNOT21]. **kHz**[TBK<sup>+</sup>19, WBH<sup>+</sup>18, WBH<sup>+</sup>19]. **Kid**[SEM19]. **Kitten** [GPL22]. **Klessydra**[CSM<sup>+</sup>21]. **Klessydra-T** [CSM<sup>+</sup>21]. **Kyoto**

[TBL19].

**LAC** [FSS20]. **Languages** [WWN23].**Large** [gMCP19]. **Large-Scaled** [gMCP19].**Last** [CKTK22, CKTK23]. **Latency**[MLPH23, MST<sup>+</sup>23, RRC<sup>+</sup>20, RHD<sup>+</sup>23].**Layer** [KYDÖ21, Suv21a, VOK<sup>+</sup>22].**Layout** [PGTD23]. **Leakage**[Bis21, PAPJ<sup>+</sup>23, POMD22, TBK<sup>+</sup>19].**Leakage-Suppression** [TBK<sup>+</sup>19]. **Learn**[LF22]. **Learning**[AEAS21, FHY19, HSL<sup>+</sup>23, RRC<sup>+</sup>20,SLCK21, SSD<sup>+</sup>22, TBR<sup>+</sup>22, KMS22]. **Left**[AS22]. **LeNet** [FWZL19]. **LeNet-5**[FWZL19]. **Length** [MAS18]. **Level**[CKTK22, CKTK23, DDM<sup>+</sup>20, FAPHD23,GMS<sup>+</sup>23, GRD23, HYML23, HJ23, HGJD20,HZS<sup>+</sup>19, MMGC20, RHGD21, WTZ<sup>+</sup>20,WGZ<sup>+</sup>23, YLT22, CLM<sup>+</sup>22, KLP<sup>+</sup>20,MRGRCR<sup>+</sup>21b]. **Level-1** [DDM<sup>+</sup>20].**Leverage** [FDMM22]. **Leveraging**[RHD<sup>+</sup>23, KG22c]. **Libraries** [FTRH20].**Library**[GRC<sup>+</sup>19, Liu21, SEG20, SNOT20, Ano20].**License** [LRF<sup>+</sup>21]. **LiFi** [RSM<sup>+</sup>23].**LiFi-CFI** [RSM<sup>+</sup>23]. **Light**[RSM<sup>+</sup>23, SLB<sup>+</sup>22, ZSM20, MMR<sup>+</sup>17].**Light-weight** [RSM<sup>+</sup>23]. **Lightweight**[CRRS22, DBP21, GPL22, GTD<sup>+</sup>23, GJC23,HYWP<sup>+</sup>19, KKK<sup>+</sup>17a, KKK<sup>+</sup>17b,KKK<sup>+</sup>17c, LPB<sup>+</sup>21, MCL<sup>+</sup>21, MCL22,MLPH23, MLD<sup>+</sup>23, MÇB22, OBSB23,PHC<sup>+</sup>23, SZHB21, SMJ21, TBSh22,

TGMD20, TGMD21, MPP21, MP20a,

MP20b]. **Limitations** [RHS<sup>+</sup>22]. **line**[RCS<sup>+</sup>19]. **Linear**[FTRH20, GTD<sup>+</sup>23, ZGD22]. **LinearUCB**[ABM<sup>+</sup>23]. **Linux**[CIPR21, DRN<sup>+</sup>23, ILG19, OBSB23, PS22a,SGP<sup>+</sup>23, SMOM19, VTS<sup>+</sup>23, ZB19].**Linux-Capable** [OBSB23, CIPR21].**Linux-Ready** [PS22a, ZB19]. **LIRA**[SMJ21]. **LIRA-V** [SMJ21]. **lite** [DRC<sup>+</sup>16].**LiteAIR5** [GMS<sup>+</sup>23]. **little** [Lu21b].**little-core** [Lu21b]. **LLVM**[RSS<sup>+</sup>21, RSRT19, WY23]. **LLVM-Based**[RSS<sup>+</sup>21, RSRT19]. **Lo-RISK** [PAPJ<sup>+</sup>23].**Localization** [SJER23]. **Lock** [NKTS23].**Lock-Step** [NKTS23]. **Lockstep** [SAF<sup>+</sup>23].**Logic** [EAI19, TBK<sup>+</sup>19, AFP<sup>+</sup>17]. **London**[BBdD17]. **Long**[QLC20, GMFC23, VMFL23]. **long-vector**[GMFC23]. **Look** [SMP22]. **Looking**[HGD20a]. **Loop** [OBB<sup>+</sup>24, RHD<sup>+</sup>23]. **Low**[ABP22, BPM<sup>+</sup>21, BPF<sup>+</sup>22, BP21,CCA<sup>+</sup>18a, CCA<sup>+</sup>18b, DCL23, BGD<sup>+</sup>19,GRC<sup>+</sup>19, GZK<sup>+</sup>21, HWG22, KM21,KSRT23, KMB22, LRF<sup>+</sup>21, LHT<sup>+</sup>21,MLPH23, MST<sup>+</sup>23, MRGRCR<sup>+</sup>21b,MRAM<sup>+</sup>23, MDR19, PHC<sup>+</sup>23, PAPJ<sup>+</sup>23,RKH<sup>+</sup>23, RAPK23, RMR21, RHD<sup>+</sup>23,SG23, SLZ<sup>+</sup>20, SED<sup>+</sup>23, SRD<sup>+</sup>21, SSD<sup>+</sup>21,SR22, SLCK21, TBR<sup>+</sup>22, ZCH22, DKC<sup>+</sup>21,ERK21, GBP21, NKTS23, PCL<sup>+</sup>23,SCR<sup>+</sup>17, VTS<sup>+</sup>23, ZWL<sup>+</sup>20]. **Low-Area**[MDR19, SSD<sup>+</sup>21]. **Low-Cost**[BPM<sup>+</sup>21, DCL23, RMR21, SG23, SLZ<sup>+</sup>20,HWG22, RAPK23]. **Low-Latency**[MLPH23, MST<sup>+</sup>23, RHD<sup>+</sup>23]. **Low-level**[MRGRCR<sup>+</sup>21b]. **Low-Overhead** [SR22].**Low-Power** [GZK<sup>+</sup>21, KSRT23, LRF<sup>+</sup>21,LHT<sup>+</sup>21, MRAM<sup>+</sup>23, MDR19, PHC<sup>+</sup>23,SED<sup>+</sup>23, SRD<sup>+</sup>21, SSD<sup>+</sup>21, DKC<sup>+</sup>21].**Low-Precision** [BPF<sup>+</sup>22]. **Low-resource**[ZCH22]. **Low-Voltage**[CCA<sup>+</sup>18a, CCA<sup>+</sup>18b]. **LRCN** [LCF23].**LTE** [WRD<sup>+</sup>17]. **LTE/Wi** [WRD<sup>+</sup>17].**LTE/Wi-Fi** [WRD<sup>+</sup>17]. **LUT6** [LCG<sup>+</sup>23].**LUT6/mm2** [LCG<sup>+</sup>23]. **LWE** [ZXXH22].**M** [LWD20]. **M/T** [LWD20]. **Machine**

[AEAS21, MST<sup>+</sup>23, SWW<sup>+</sup>21, KKC<sup>+</sup>16, KMS22]. **Main** [ZGG23, GAE<sup>+</sup>23]. **mainframe** [Pat18]. **Management** [AHB20, EHK20, KCZ<sup>+</sup>17, PACB21, SAW<sup>+</sup>20, VOK<sup>+</sup>22, WSK<sup>+</sup>20, GG18]. **Manager** [Suv21b, TCH23]. **MANIC** [GAE<sup>+</sup>23]. **Manipulation** [BSSW21, JSB20, KAMS19]. **Manticore** [ZSB21]. **Manual** [WA21, WAH21]. **Many** [BZVCB23, KHG20, KG22a, OBB<sup>+</sup>24]. **Many-Core** [BZVCB23, KHG20, KG22a, OBB<sup>+</sup>24]. **Manycore** [GCL<sup>+</sup>23, KG22b, RZAH<sup>+</sup>19b, RZAH<sup>+</sup>19a]. **Mapping** [APSH<sup>+</sup>22]. **March** [GD19]. **Market** [Gen24, SEM19]. **Marsellus** [CPG<sup>+</sup>23]. **Massively** [Gra16]. **Matching** [TT22]. **Math** [Liu21]. **Matrix** [SSS<sup>+</sup>22, TBR<sup>+</sup>22, ZXXH22, GBP21]. **Matrix-Multiplication** [TBR<sup>+</sup>22]. **Maximizing** [LMP23]. **McEliece** [PGZMG21]. **McPAT** [ZBZ<sup>+</sup>23]. **McPAT-Calib** [ZBZ<sup>+</sup>23]. **MCU** [BPM<sup>+</sup>21, KKH<sup>+</sup>20, LRF<sup>+</sup>21, MGZ<sup>+</sup>23, YLT<sup>+</sup>23, YTL<sup>+</sup>23]. **MCU-Based** [LRF<sup>+</sup>21]. **MCUs** [BB21, TTB22]. **means** [LPB<sup>+</sup>21]. **Measurement** [SNOT21]. **Mechanism** [GLS21]. **Mechanisms** [DBGJ20]. **mediated** [GG18]. **Medical** [AMG<sup>+</sup>20, GRCRCG<sup>+</sup>20, KM21, MRAM<sup>+</sup>23]. **meet** [ZPRD21]. **MEG** [ZZB<sup>+</sup>20]. **Memories** [ZUSK23]. **Memory** [BR24, Cil21, DLMP21, GKB<sup>+</sup>22, KAR<sup>+</sup>19, KG22b, KLP<sup>+</sup>20, MST<sup>+</sup>23, MDR19, NAL22, RRC<sup>+</sup>20, SB23, SMOM19, TML<sup>+</sup>17a, TML<sup>+</sup>17b, TML<sup>+</sup>17c, TCH23, YXH20, ZZB<sup>+</sup>20, ZHLR22, ZHL<sup>+</sup>23, ZC23, DUM<sup>+</sup>19, GAE<sup>+</sup>23, WRD<sup>+</sup>17]. **memory-based** [WRD<sup>+</sup>17]. **Memory-Constrained** [ZHLR22]. **Memory-Latency-Accuracy** [RRC<sup>+</sup>20]. **Memory/Accelerator** [KG22b]. **MemPool** [VMO<sup>+</sup>23, VMO<sup>+</sup>22]. **Mesh** [RZAH<sup>+</sup>19a]. **Metadata** [VOK<sup>+</sup>22]. **Metamorphic** [RHGD21]. **MetaSys** [VOK<sup>+</sup>22]. **Metering** [WT19]. **Method** [CLWL21, DDM<sup>+</sup>20, DLMP21, GZC22, HCZ21, LHT<sup>+</sup>21, WZW<sup>+</sup>19, ZZZ<sup>+</sup>23]. **Methodologies** [DXT<sup>+</sup>18]. **Methodology** [LLS22, MMA<sup>+</sup>18, RTRM19, RMR21, XYT<sup>+</sup>22, XYT<sup>+</sup>23, Bar20]. **metrics** [GYW<sup>+</sup>23]. **MHz** [UD18]. **Micro** [BP21, GRCRCG<sup>+</sup>20, KNK<sup>+</sup>21, MTAL22, MST<sup>+</sup>23, DPV<sup>+</sup>17, RPSD16]. **Micro-Architectural** [MTAL22]. **Micro-Architecture** [BP21, KNK<sup>+</sup>21]. **Micro-Controller** [GRCRCG<sup>+</sup>20, MST<sup>+</sup>23]. **Microarchitectural** [BB21, CPWG23, Cho18, Cho19, GWZS23, WSG<sup>+</sup>21]. **Microarchitecture** [BSZ<sup>+</sup>21, BSZ<sup>+</sup>24, LHK23, SVM<sup>+</sup>23, TSW<sup>+</sup>23, TAC<sup>+</sup>22, ZBZ<sup>+</sup>23]. **Microarchitectures** [KIS22]. **Microcoded** [KG22c]. **Microcontroller** [DWG<sup>+</sup>20, MDR19, SJR<sup>+</sup>23, DRC<sup>+</sup>16, DGA<sup>+</sup>17, GAE<sup>+</sup>23, HUL<sup>+</sup>22, MRGRCR<sup>+</sup>21a]. **Microcontrollers** [KKE<sup>+</sup>22, RFS20, MRGRCR<sup>+</sup>21b]. **Microprocessor** [CTN18, HSL<sup>+</sup>23, KHS<sup>+</sup>23, PMKZ22, POMD22, QYZ21, SS22, TBK<sup>+</sup>19, UD18, UD20, WT19, WCL23, BMM<sup>+</sup>20, BCM<sup>+</sup>21]. **Microprocessors** [AMRCP21, LWC<sup>+</sup>16]. **Microscopy** [SG23]. **MicroTESK** [CKK<sup>+</sup>18]. **Millimeter** [KKH<sup>+</sup>20]. **Millimeter-wave** [KKH<sup>+</sup>20]. **Milliwatts** [RHD<sup>+</sup>23]. **MiniFloat** [BPF<sup>+</sup>22]. **MiniFloat-NN** [BPF<sup>+</sup>22]. **Minimal** [BKS22, JK20]. **Minimally** [TBLD23]. **MINOTAuR** [GCR<sup>+</sup>23]. **MIPS** [COMP19, MTJ<sup>+</sup>22]. **MIPS-II** [COMP19]. **Mitigate** [KFK<sup>+</sup>19]. **Mitigating** [GLS21]. **Mixed** [BRH<sup>+</sup>19, NRB<sup>+</sup>23, OGT<sup>+</sup>20, CIPR21]. **mixed-criticality** [CIPR21]. **Mixed-Precision** [NRB<sup>+</sup>23, OGT<sup>+</sup>20]. **Mixed-Signal** [BRH<sup>+</sup>19]. **ML** [DEA<sup>+</sup>21, DtEt22, HH23, SJER23].

**ML-Based** [SJER23]. **mm2** [LCG<sup>+</sup>23, LCG<sup>+</sup>23]. **Mobile** [KKH<sup>+</sup>20, USQ<sup>+</sup>22, ZSM20]. **Mode** [HMJ23, HMJ24]. **Model** [DAKK19, JS23, LCF23, MMA<sup>+</sup>18, TML<sup>+</sup>17a, TML<sup>+</sup>17b, TML<sup>+</sup>17c, SC17]. **Modeled** [PPS<sup>+</sup>19]. **Modeling** [GMS<sup>+</sup>23, PH18, RSRT19, ZBZ<sup>+</sup>23]. **Models** [GDR<sup>+</sup>22, TBLD23, TAC<sup>+</sup>22, TDH<sup>+</sup>23, KSAL21]. **Modern** [LF22, MP20a, MP20b]. **Modification** [KCGL23]. **Modular** [BPF<sup>+</sup>22, KAR<sup>+</sup>19, KHG20]. **Module** [TA22, WTZ<sup>+</sup>20, DZZZ23, MRGRCR<sup>+</sup>21b, TDPD<sup>+</sup>21, ZXXH22]. **Module-LWE** [ZXXH22]. **Modules** [AKMS21]. **Monitoring** [CTSG22, DEC<sup>+</sup>18, LYZH20, SMB17, ZHX<sup>+</sup>22]. **Monte** [BFP<sup>+</sup>22]. **MOPS** [GAE<sup>+</sup>23]. **MOPS/mW** [GAE<sup>+</sup>23]. **Morello** [Sew21]. **moreMCU** [SAB22]. **Morpheus** [AHV<sup>+</sup>21, HVW<sup>+</sup>21]. **Motorcycle** [ZS23]. **Moving** [DAKK19]. **MPSoC** [EEI<sup>+</sup>18, LVR<sup>+</sup>20, MSR<sup>+</sup>21, NRA<sup>+</sup>22, NRLH22]. **MPSoCs** [KAR<sup>+</sup>19, KEAS<sup>+</sup>18]. **MRAM** [GAE<sup>+</sup>23, HWJ23, HJ23, ZBA<sup>+</sup>20]. **MRAM-Based** [HWJ23]. **MS** [DUM<sup>+</sup>19]. **Multi** [BKS22, BBV<sup>+</sup>23, BCM<sup>+</sup>21, CXL<sup>+</sup>20a, DKT<sup>+</sup>23, EHK20, GZK<sup>+</sup>21, HWJ23, HSL<sup>+</sup>23, HH23, KYDÖ21, KHS<sup>+</sup>23, LRF<sup>+</sup>21, OCC<sup>+</sup>17, PCO<sup>+</sup>23, PNV22, SGP<sup>+</sup>23, TH22, VROdIT22, WTY<sup>+</sup>23]. **Multi-Accelerator** [GZK<sup>+</sup>21]. **Multi-Armed** [DKT<sup>+</sup>23]. **Multi-Core** [BBV<sup>+</sup>23, CXL<sup>+</sup>20a, EHK20, GZK<sup>+</sup>21, HWJ23, LRF<sup>+</sup>21, SGP<sup>+</sup>23, TH22, WTY<sup>+</sup>23]. **Multi-Grain** [VROdIT22]. **Multi-Layer** [KYDÖ21]. **Multi-objective** [HH23]. **Multi-Precision** [PCO<sup>+</sup>23, HSL<sup>+</sup>23]. **Multi-Target** [KHS<sup>+</sup>23]. **Multi-tasking** [BKS22]. **Multi-threaded** [OCC<sup>+</sup>17]. **Multicore** [CDF<sup>+</sup>20, DAKK19, IK21b, JHL<sup>+</sup>21, PHC<sup>+</sup>23, PACB21, PGW<sup>+</sup>20, VMO<sup>+</sup>22, VMO<sup>+</sup>23, FKS22]. **Multiple** [BDdD19b, FGD<sup>+</sup>19, KKEG22]. **Multiple-precision** [BDdD19b]. **Multiplication** [CPLS23, ERGK21, KZH22, SSS<sup>+</sup>22, TBR<sup>+</sup>22, GBP21]. **Multiplier** [VSD22]. **Multiprecision** [CSZ<sup>+</sup>20]. **multiPULPly** [ERGK21]. **Multirate** [BHR<sup>+</sup>18]. **Multithreaded** [CSM<sup>+</sup>21, EGBS22]. **Mutation** [FAPHD23, HTGD21]. **Mutation-based** [HTGD21]. **Mutation-Classes** [FAPHD23]. **mW** [GAE<sup>+</sup>23]. **Nano** [Ben23, KMB22]. **Nano-Drones** [Ben23]. **Nano-UAV** [KMB22]. **Nanosatellite** [RKH<sup>+</sup>23]. **nanotube** [AFP<sup>+</sup>17]. **NanoWattch** [TLB<sup>+</sup>22]. **Native** [WWN23]. **natural** [SGCGCR17]. **Navigation** [KMB22]. **Near** [CKTK23, GST<sup>+</sup>17, MGZ<sup>+</sup>23, UD20, WCL23, ZZB<sup>+</sup>20, CKTK22]. **Near-data** [ZZB<sup>+</sup>20]. **Near-Sensor** [MGZ<sup>+</sup>23]. **Near-Threshold** [GST<sup>+</sup>17, UD20, WCL23]. **NEC** [GMFC23, VMFL23]. **Negative** [HGD20a]. **NEORV32** [BFC<sup>+</sup>23]. **Network** [ABW<sup>+</sup>21, CRRS22, GRC<sup>+</sup>19, KSAL21, LHD<sup>+</sup>22, LPL22, NRA<sup>+</sup>22, NBT22, RZAH<sup>+</sup>19a, SLMS21, DKC<sup>+</sup>21, HC20, HUL<sup>+</sup>22, TZ22, WWZL17]. **Networks** [ERGK21, GTC<sup>+</sup>20, GTC<sup>+</sup>21a, GTC<sup>+</sup>21b, NRB<sup>+</sup>23, RHD<sup>+</sup>23, Suv21b, CRRS21]. **Neumann** [KFK<sup>+</sup>19]. **Neural** [ABW<sup>+</sup>21, CRRS22, ERGK21, GRC<sup>+</sup>19, GTC<sup>+</sup>20, GTC<sup>+</sup>21a, GTC<sup>+</sup>21b, KSAL21, LPL22, NRB<sup>+</sup>23, RHD<sup>+</sup>23, CRRS21, HUL<sup>+</sup>22, TZ22]. **Neuromorphic** [FSMU21, MST<sup>+</sup>23, RHD<sup>+</sup>23]. **Neuron** [NBT22]. **Neutral** [LHD<sup>+</sup>22]. **Neutron** [BFC<sup>+</sup>23, CG23, SLK<sup>+</sup>21, SML<sup>+</sup>22, WW19, WWB23, FKS22]. **neutron-induced** [FKS22]. **News** [Gen24, Gre20]. **Next** [CSO<sup>+</sup>23, GD19, Ben23]. **Next-generation** [CSO<sup>+</sup>23, Ben23]. **Nile** [DEC<sup>+</sup>18]. **nm** [BRH<sup>+</sup>19, CSZ<sup>+</sup>20, CCA<sup>+</sup>18a, KCZ<sup>+</sup>17, LCG<sup>+</sup>23, MSFK21, NWP<sup>+</sup>23, PCO<sup>+</sup>23,

RZAH<sup>+19b</sup>, SAW<sup>+20</sup>, SWW<sup>+22</sup>, UD18, UD20, WBH<sup>+18</sup>, WBH<sup>+19</sup>, WSK<sup>+20</sup>, WCL23, ZB19, ZLP<sup>+16</sup>, ZCNA17]. **NN** [BPF<sup>+22</sup>, GRC<sup>+19</sup>]. **NoC** [EEI<sup>+18</sup>, KG17, KEAS<sup>+18</sup>, NRA<sup>+22</sup>, PKC<sup>+20</sup>]. **NoC-Based** [EEI<sup>+18</sup>, KEAS<sup>+18</sup>]. **NoC-MPSoC** [NRA<sup>+22</sup>]. **Node** [CPG<sup>+23</sup>, RRC<sup>+20</sup>]. **Nodes** [GTC<sup>+21a</sup>, GTC<sup>+21b</sup>, SRD<sup>+21</sup>]. **NOEL** [And20, SAF<sup>+23</sup>, dOK23]. **NOEL-V** [And20, SAF<sup>+23</sup>, dOK23]. **Non** [DDM<sup>+20</sup>, KGHRM23, MTT21]. **Non-Binary** [KGHRM23]. **Non-Blocking** [DDM<sup>+20</sup>]. **Non-Volatile** [MTT21]. **Nonvolatile** [SNH22, ZUSK23]. **Novel** [DDM<sup>+20</sup>]. **NTT** [KZH22, PS22a]. **NTT-Based** [KZH22]. **Number** [JZWL23, KA20, KRR22, MSSS23, NDZ<sup>+21</sup>, RKRF21]. **Numerics** [BDdD19a]. **NVDLA** [FHY19, FWZL19]. **NVIDIA** [FHY19]. **NvMISC** [ZUSK23]. **nW** [TBK<sup>+19</sup>, TLB<sup>+22</sup>].

**O** [MRGRCR<sup>+21b</sup>]. **Obfuscation** [WZW<sup>+19</sup>]. **object** [ZZW<sup>+19</sup>]. **objective** [HH23]. **obtained** [BCM<sup>+21</sup>]. **off** [GG18, MTJ<sup>+22</sup>]. **Offs** [RRC<sup>+20</sup>, ZHLR22]. **On-Board** [CDF<sup>+20</sup>, RKH<sup>+23</sup>, ZSM21]. **On-Chip** [DCM23, GPV<sup>+22</sup>, GTP<sup>+22</sup>, OBB<sup>+24</sup>, RZAH<sup>+19a</sup>, WSK<sup>+20</sup>]. **On-line** [RCS<sup>+19</sup>]. **On-Sensor** [SED<sup>+23</sup>]. **Onboard** [CGG21, DBP21]. **One** [KG22c]. **Online** [GKB<sup>+22</sup>, SJER23]. **Oolong** [MB16]. **Open** [ABC<sup>+20</sup>, APHD21b, Ano23c, Ben23, BPF<sup>+22</sup>, BCZ21a, CTN18, CKP19, CSO<sup>+23</sup>, DXT<sup>+18</sup>, EMMB19, FTRH20, Gen24, GCCR21, HCW23, HLHK19, HHB<sup>+19</sup>, ILG19, JHL<sup>+21</sup>, LNA21, MMD<sup>+22b</sup>, MMD<sup>+22c</sup>, MFM<sup>+19</sup>, NNPG23, PW17a, PFD21, PCW<sup>+22</sup>, PCO<sup>+23</sup>, PGW<sup>+20</sup>, SAF<sup>+23</sup>, SSR<sup>+18</sup>, VOK<sup>+22</sup>, WW21, WSG<sup>+21</sup>, ZWB19, DAK<sup>+21</sup>, GYW<sup>+23</sup>, Pat18, SCL<sup>+21</sup>, TZPL21, TSABTM20]. **Open-Source** [ABC<sup>+20</sup>, Ano23c, CKP19, DXT<sup>+18</sup>, FTRH20, Gen24, HLHK19, HHB<sup>+19</sup>, LNA21, MMD<sup>+22b</sup>, MMD<sup>+22c</sup>, PCO<sup>+23</sup>, PGW<sup>+20</sup>, SSR<sup>+18</sup>, WSG<sup>+21</sup>, VOK<sup>+22</sup>, ZWB19, DAK<sup>+21</sup>, GYW<sup>+23</sup>, Pat18, SCL<sup>+21</sup>, TZPL21]. **OpenASIP** [HMJ22]. **OpenCL** [ETR<sup>+20</sup>]. **OpenCV** [KSAL21]. **openKylin** [WLY<sup>+22</sup>]. **OpenLane** [HSEKD21]. **Operable** [TLB<sup>+22</sup>]. **Operating** [BKS22, GPL22, MSDM23, WSMRM20]. **Operation** [CCA<sup>+18b</sup>, WCL23]. **operations** [CRRS21]. **Opportunities** [LVPSB<sup>+23</sup>]. **Optical** [KMB22, PAPJ<sup>+23</sup>]. **Optimal** [OCC<sup>+17</sup>]. **Optimisation** [HH23, WWW23]. **optimised** [PJJ21]. **Optimization** [BSSW21, BB21, HWJ23, Liu21, Zha22, GMFC23]. **Optimizations** [KCGL23, VOK<sup>+22</sup>, CLC<sup>+20</sup>]. **Optimized** [CPLS23, DPP22, KS22, KKE<sup>+22</sup>, PSS23, PSM23, SLBJ23, CSM22, HUL<sup>+22</sup>, KK21, MFM<sup>+19</sup>]. **Optimizing** [LVR<sup>+20</sup>, TTB22]. **Optimum** [RSA<sup>+23</sup>, KSAL21]. **Order** [Ano23a, Ant22, CPWG23, CXL<sup>+20a</sup>, CCA<sup>+18a</sup>, CCA<sup>+18b</sup>, DDM<sup>+20</sup>, GZ22, LHD<sup>+21</sup>, MFM<sup>+19</sup>, SGP<sup>+23</sup>, SSB22, SPDLP<sup>+22</sup>, ZTC21, PRS<sup>+15</sup>, RPD<sup>+15</sup>]. **organisation** [SC17]. **Organization** [LF22, OCC<sup>+17</sup>]. **Oriented** [GVT<sup>+22</sup>, KGBH22]. **Original** [GTD<sup>+23</sup>]. **Orthogonal** [WZW<sup>+19</sup>]. **OSEK** [DL17]. **OSEK-V** [DL17]. **OTA** [SCL<sup>+21</sup>]. **Out-of-Order** [Ano23a, Ant22, CPWG23, CXL<sup>+20a</sup>, CCA<sup>+18a</sup>, CCA<sup>+18b</sup>, DDM<sup>+20</sup>, GZ22, LHD<sup>+21</sup>, MFM<sup>+19</sup>, SGP<sup>+23</sup>, SSB22, ZTC21, RPD<sup>+15</sup>]. **Overhead** [SR22]. **Overlay** [BCCM21]. **Overlays** [VROdit22]. **Overview** [APHD21a, HHB<sup>+19</sup>]. **Own** [Szk21].

**P** [CLC<sup>+20</sup>]. **P870** [Ano23d]. **Pacemaker** [YNYD23]. **Packed** [LYL23, YCL<sup>+23</sup>]. **Packed-SIMD** [LYL23]. **Packet** [PLSK20, DKC<sup>+21</sup>, WWZL17]. **Parallel** [GRC<sup>+19</sup>, Gra16, MAS18, MGZ<sup>+23</sup>, NRB<sup>+23</sup>, OBB<sup>+24</sup>, ZHL<sup>+23</sup>, HC20].

**Parallel-Execution-Unit** [MAS18]. **Parallelization** [BZVCB23]. **Parallelizing** [KMB22]. **Partial** [CMV21, CKTG21, WW21]. **Partitioning** [RHS+22]. **pass** [AFP+17]. **Password** [XZW+22]. **patches** [HUL+22]. **Path** [RKRF21]. **Paths** [KRR22]. **Pattern** [TT22]. **Patterns** [MTT21]. **Paving** [BFP+22]. **Payment** [ZSM20]. **PCI** [Lu22]. **PCI-E** [Lu22]. **PCIe** [CRMR+23]. **PCs** [LF22]. **Penetration** [CXLL22]. **Perception** [MST+23]. **Perceptron** [KYD021]. **PERCIVAL** [MMD+22b, MMD+22c]. **Perf** [SNOT21]. **Performance** [AS22, Ano23c, Ano23d, BFP+22, Bis21, BP21, CXL+20a, CTSG22, DDM+20, DRN+23, FHL+22, HGD20b, JBK23, LYZH20, LRB18, MAS18, MZZG22, MPU+23, MCB22, PAPJ+23, QCL+23, SJR+23, SSS+22, SSB22, SMB17, SNOT20, SNOT21, TZS+21, TLB+22, UD18, VMO+22, VMO+23, WLW+21, XYT+22, XYT+23, YXH20, YLT22, ZB19, ZGMD22, ZGD22, ZCH+23, ZXXH22, CSM22, DKC+21, HK20, JS23, KHH22, MS17, TLS22, WWL+20, ZCH22]. **PERI** [TGRK19, TGRK21]. **Periodical** [DWG+20]. **Periodical-Driven** [DWG+20]. **peripheral** [EHN23]. **peRISCscope** [GVT+22]. **Perspective** [CDP+22, SMP22, AAC+23]. **Petaflop** [SB23]. **Phalanx** [Gra16]. **Photon** [SG23]. **Photovoltaic** [TLB+22]. **Physical** [APHD21b, GKB+22, HYML23, LHK23, MST+23, NWP+23, NAL22, WSUM19]. **Physical-Aware** [LHK23]. **PIC** [SG23]. **PicoRio** [TZPL21]. **PicoRV32** [JBK23]. **Pipeline** [CXL+20a, EGBS22, OCC+17, ZZZ21, GMV20, MG22, YTL+23]. **Pipelined** [DPP22, PMKZ22, PNV22, QCL+23, TGT+23]. **pipelining** [CSM22]. **PIPO** [KS22]. **pJ** [UD18]. **pJ/Cycle** [UD18]. **Plate** [LRF+21]. **Platform** [AKMS20, APHD21b, Ben23, BWP22, BHT+21, CSO+23, EMMB19, GGH+22, IFO+18, JHL+21, KG22c, LCYK20, LCF23, gMCP19, NGS20, OBSB23, QYZ21, SAB22, WTZ+20, WYK21, WWN23, WMA+21, WMR+22, ZHLR22, ZUSK23, DGA+17, FKS22]. **Platforms** [Ano21, MSP23, CIPR21]. **PLL** [RZAH+19b, RZAH+19a]. **Plug** [OBSB23]. **Plug-In** [OBSB23]. **Pluggable** [MC22]. **Pluggy** [MKM20]. **Point** [AVS+22, Ano20, BPM+21, CSZ+20, CPLS23, MSZB19, PSS23, PCO+23, SEG20, ZSB21, ZZQ21, Liu21, PRS+15, YCL+23, YWZL22, ZSB20, BDdD19b]. **Pointers** [GM21]. **Points** [JZWL23]. **Poisoning** [AVS+22]. **PolarFire** [DXYZ19]. **Policy** [HWJ23, SSS+22]. **Polynomial** [KZH22, WMGD23]. **Portable** [BCZ21a, LYL23, WHB+22]. **Porting** [GPL22, Zha22]. **Posit** [CLR+21b, CLR+21a, CRRS22, KK23, MSSS23, MMD+22a, MMD+22b, MMD+22c, SJM+20, TGRK19, TGRK21, CRRS21]. **Post** [EKAK22, FSMG+19, FSS20, GJC23, HBSE22, KSFS24, KGHRM23, LKKK22, NDZ+21, PGTD23, PGZMG21, RFS20, TH22, XHY+20, ZKS+23, MRGRCR+21a]. **Post-Layout** [PGTD23]. **Post-Quantum** [EKAK22, FSMG+19, FSS20, GJC23, HBSE22, KSFS24, KGHRM23, LKKK22, PGZMG21, RFS20, XHY+20, ZKS+23]. **Post-Silicon** [TH22, MRGRCR+21a]. **Potential** [LMP23]. **Power** [ABP22, BP21, DHL+21, GRC+19, GZK+21, KM21, KCZ+17, KSRT23, KMB22, LRF+21, LHT+21, MRAM+23, MDR19, OBB+24, PCL+23, PHC+23, PPYB23, SED+23, SRD+21, SAW+20, SSD+21, SLCK21, SKK+22, TBR+22, TDH+23, WSK+20, YLT22, ZBZ+23, DKC+21, ERGK21, GBP21, SCR+17, VTS+23, WTY+23, ZWL+20]. **Powered** [TLB+22, AAC+23]. **PPMU** [CTSG22]. **Practical** [MKVD23, VOK+22]. **Precision** [AWB+23, BPF+22, BDdD19a,

CRP<sup>+23</sup>, LCN<sup>+23</sup>, NRB<sup>+23</sup>, OGT<sup>+20</sup>, PCO<sup>+23</sup>, RSR21, YCL<sup>+23</sup>, BDdD19b, HSL<sup>+23</sup>, LWA<sup>+14</sup>, ZWL<sup>+20</sup>].

**Precision-Scalable** [CRP<sup>+23</sup>].

**Predictability** [GCCR21]. **Predictable** [GCR<sup>+23</sup>]. **Prediction** [BWP22, SLCK21].

**Predictor** [CSM22]. **PRESENT** [TGMD21]. **Preventing** [ARH<sup>+22</sup>].

**Prevention** [WSG<sup>+21</sup>]. **PRINCE** [MCL22]. **Principle** [KG22c]. **Printer** [YLT<sup>+23</sup>]. **Privilege** [TZG<sup>+23</sup>]. **Privileged** [WAH21]. **Proceedings**

[GD19, IEE21, IEE22]. **Process** [HMTL21]. **Processing**

[AvAG21, ABP22, CCC<sup>+19</sup>, CGG21, CRRS22, GAO21, HWG22, MSSS23, RMF22, SG23, SED<sup>+23</sup>, Su21, ZB19, ZZB<sup>+20</sup>, DKC<sup>+21</sup>, KHH22, WWZL17].

**Processor** [ABM<sup>+23</sup>, Ano23a, Ano23c, Ano23d, Ano23g, ABW<sup>+20</sup>, ABW<sup>+21</sup>, ADF<sup>+23</sup>, BBV<sup>+23</sup>, BZVCB23, BBVB20, BHD23, CCC<sup>+22</sup>, CDF<sup>+20</sup>, CSZ<sup>+20</sup>, CV22, CXL<sup>+20a</sup>, CLWL21, CKTK22, CKTK23, CPLS23, CCA<sup>+18a</sup>, CCA<sup>+18b</sup>, Cho18, Cho19, DAPS21, DDM<sup>+20</sup>, DPP22, DKT<sup>+23</sup>, DCC<sup>+23</sup>, DFA<sup>+23</sup>, FDS<sup>+23</sup>, GM21, GZ22, GDR<sup>+22</sup>, GJC23, GSDB18, HHB23, HCW23, HGJD20, HHB<sup>+19</sup>, HCZ21, IFO<sup>+18</sup>, IK21b, JK20, KIS20, KFK<sup>+19</sup>, KCZ<sup>+17</sup>, KKOY19, KYDÖ21, KKEG22, KK23, LCCS21, LBDPP19, LHD<sup>+21</sup>, LHC19, LHT<sup>+21</sup>, LNA21, LZH20, LLL<sup>+21</sup>, MLPH23, MSZB19, MMGC20, MFM<sup>+19</sup>, MAS18, MZZG22, MKB<sup>+23</sup>, gMCP19, NHML<sup>+22</sup>, NBT22, OCOMP19, OCC<sup>+17</sup>, OGT<sup>+20</sup>, PSS23, PCL<sup>+23</sup>, PHC<sup>+23</sup>, PNSD20, PPS<sup>+19</sup>, PH18, PCW<sup>+22</sup>, PCO<sup>+23</sup>, PSZMM21, PMBA19, PNV22, QCL<sup>+23</sup>, RKH<sup>+23</sup>, RHGD21, RZAH<sup>+19b</sup>, RZAH<sup>+19a</sup>, RCS<sup>+19</sup>, SGP<sup>+23</sup>, SUM23, SLZ<sup>+20</sup>, SWW<sup>+22</sup>, SSD<sup>+21</sup>, SR22, SFGB20, SPDLP<sup>+22</sup>, SLB<sup>+22</sup>, SLCK21, TS20].

**Processor**

[TBSh22, TT22, TGT<sup>+23</sup>, TCH23,

VROdIT22, WDM22, WTS21, WMGD23, WW19, WSK<sup>+20</sup>, XHY<sup>+20</sup>, ZLC19, ZTC21, ZWB19, ZGL<sup>+21</sup>, ZGD22, ZGG23, ZXXH22, ZCH22, ZLP<sup>+16</sup>, ZCNA17, ZC23, dOTB<sup>+20</sup>, dOK23, AvAG21, AFP<sup>+17</sup>, BGVB18, CMV21, CSM22, DUM<sup>+19</sup>, DPV<sup>+17</sup>, DZZZ23, DAK<sup>+21</sup>, EHN23, FvHC<sup>+23</sup>, GAE<sup>+23</sup>, GMV20, GYW<sup>+23</sup>, HK20, HYXW22, KK21, KHH22, KMS22, LHD<sup>+22</sup>, LWA<sup>+14</sup>, LZW<sup>+15</sup>, LPB<sup>+21</sup>, LSB22, MS17, MB16, MMR<sup>+17</sup>, RPD<sup>+15</sup>, RPSD16, SJYZ22, YWZL22, ZLP<sup>+15</sup>, ZCNA16].

**processor-based** [YWZL22].

**processor-micro-architecture** [RPSD16].

**Processors**

[AAB<sup>+23</sup>, BWZ<sup>+21</sup>, BHT<sup>+21</sup>, CAL23, CRRS22, DEA<sup>+21</sup>, DtEt22, DMR<sup>+20</sup>, FdRES23, FSMG<sup>+19</sup>, GTC<sup>+20</sup>, GMK<sup>+23</sup>, HLHK19, HMJ22, HDT<sup>+20</sup>, KG22a, KS22, KKE<sup>+22</sup>, LPZ19, MSP23, MTCL21, MSJ19, OPY<sup>+18</sup>, OBB<sup>+24</sup>, PPYB23, RSR21, RTRM19, RMP<sup>+19</sup>, RMR21, SAW<sup>+20</sup>, SUAR23, Szk21, WSUM19, WW21, WWB23, XYT<sup>+22</sup>, XYT<sup>+23</sup>, YYP<sup>+22</sup>, ZGMD22, ZCH<sup>+23</sup>, Bar20, KKC<sup>+16</sup>, NKTS23].

**Product** [CXL<sup>+20a</sup>, KBBA17]. **Prof5**

[SCA<sup>+22</sup>]. **profiler** [SCA<sup>+22</sup>]. **Program** [CKK<sup>+18</sup>]. **Programmable**

[Ant22, CTSG22, DEC<sup>+18</sup>, EAI19, HCL<sup>+21</sup>, Lu22, PLH<sup>+22</sup>, SAW<sup>+20</sup>, TSS<sup>+22</sup>].

**Programming**

[BBV<sup>+23</sup>, KGBH22, WDM22, WWN23].

**Programs** [WY23, ZPRD23]. **Progress**

[HWG22, Liu21]. **Project** [AAC<sup>+23</sup>].

**Projects** [RBK18]. **Propagated** [LHT<sup>+21</sup>].

**Properties** [CAL23]. **Proposal** [KKOY19].

**Prospects** [RHS<sup>+22</sup>]. **protected**

[SGCGCR17]. **Protecting**

[AHV<sup>+21</sup>, DGH19, HVW<sup>+21</sup>, WSUM19].

**Protection** [Bis21, DBGJ20, DCEJ21,

GKB<sup>+22</sup>, HYML23, NAL22, RTRM19, RSM<sup>+23</sup>, TGMD21]. **Protocol** [DCM23].

**Proton** [dOK23]. **Prototype**

[FHD22, HGLD18, ZWL<sup>+23</sup>, DPV<sup>+17</sup>].

**Prototypes** [HGLD19, HGTD20, HGD20b]. **Pruned** [MKB<sup>+</sup>23]. **Public** [MLD<sup>+</sup>23]. **Public-Key** [MLD<sup>+</sup>23]. **PUF** [MSFK21]. **PULP** [GRC<sup>+</sup>19]. **PULP-NN** [GRC<sup>+</sup>19]. **Pump** [YBR<sup>+</sup>23]. **purpose** [MRGR<sup>+</sup>21b, TZ22]. **PUSCH** [BZVCB23]. **PVT** [TLS22]. **PWM** [PSM23]. **PYNQ** [SSD<sup>+</sup>22]. **Pytorch** [KSAL21].

**Q** [Raj21]. **QEMU** [AKMS20, Hor21a]. **Quad** [SR22]. **Quad-Core** [SR22]. **Qualification** [FAPHD23]. **Quality** [LPZ19, SMOM19]. **Quantitative** [ZZZ<sup>+</sup>23]. **Quantized** [ADF<sup>+</sup>23, DFA<sup>+</sup>23, GRC<sup>+</sup>19, GTC<sup>+</sup>20, GTC<sup>+</sup>21a, GTC<sup>+</sup>21b, NRB<sup>+</sup>23]. **Quantum** [EKAK22, FSMG<sup>+</sup>19, FSS20, GJC23, HBSE22, KSFS24, KGHRM23, LKKK22, NDZ<sup>+</sup>21, PGZMG21, RFS20, XHY<sup>+</sup>20, ZKS<sup>+</sup>23]. **Quark** [ADF<sup>+</sup>23, NWP<sup>+</sup>23]. **Quire** [MMD<sup>+</sup>22a, MMD<sup>+</sup>22b, MMD<sup>+</sup>22c].

**race** [SCR<sup>+</sup>17]. **Radiation** [BFC<sup>+</sup>23, CG23, SLK<sup>+</sup>21, WW19, WWB23, dOTB<sup>+</sup>20]. **Radio** [AHB20, PACB21]. **Radix** [HSE<sup>+</sup>24]. **Radix-4** [HSE<sup>+</sup>24]. **RAE** [WWL<sup>+</sup>20]. **RAM** [DXYZ19]. **Random** [APHD21a, DHL<sup>+</sup>21, TTB22, TTDD21, LSB22]. **Randomization** [ZZL<sup>+</sup>22]. **Randomized** [JRW<sup>+</sup>23]. **Range** [UD18]. **RANTT** [KA20]. **Rapid** [GGH<sup>+</sup>22, LPZ19]. **RAS** [ZZZ<sup>+</sup>23]. **Rate** [ZHL<sup>+</sup>23]. **Rates** [YLC21]. **Raven** [LZW<sup>+</sup>15]. **Razor** [VKG22]. **Reader** [PW17a]. **Ready** [PS22a, ZB19, CDP<sup>+</sup>22]. **Real** [APSH<sup>+</sup>22, BB21, HSWM23, HCL<sup>+</sup>21, KFGH<sup>+</sup>23, LHD<sup>+</sup>21, LHC<sup>+</sup>21, LCF23, MSDM23, PLH<sup>+</sup>22, WBH<sup>+</sup>18, WBH<sup>+</sup>19, ZHX<sup>+</sup>22]. **Real-Time** [HSWM23, KFGH<sup>+</sup>23, LHD<sup>+</sup>21, LHC<sup>+</sup>21, MSDM23, PLH<sup>+</sup>22, WBH<sup>+</sup>18, WBH<sup>+</sup>19, ZHX<sup>+</sup>22, APSH<sup>+</sup>22, BB21, HCL<sup>+</sup>21, LCF23]. **REALISE** [MLD<sup>+</sup>23]. **REALISE-IoT** [MLD<sup>+</sup>23]. **Reality** [SED<sup>+</sup>23]. **Realization** [NAL22]. **Reason** [TDPD<sup>+</sup>21].

**Recognition** [GXLW22, LRF<sup>+</sup>21, ZWL<sup>+</sup>20, DZZZ23]. **Recommendation** [DEA<sup>+</sup>21, DtEt22]. **Reconfigurable** [DAHK20, LYZH20, gMCP19, SR22, Suv21b, VROdlT22, WLI23, ZLC19, SAB22, WRD<sup>+</sup>17]. **Reconfiguration** [ABM<sup>+</sup>23, CMV21, CKTG21, WW21]. **Recovering** [MTAL22]. **Recovery** [DBP21, XZW<sup>+</sup>22]. **Recurrence** [HSE<sup>+</sup>24]. **RedMule** [TBR<sup>+</sup>22]. **Reduced** [Pat17]. **Reducing** [MTT21]. **Reduction** [ZCNA17, ZCNA16]. **Redundancy** [ZCNA17, ZCNA16]. **Redundant** [KRR22, RKRF21]. **Reference** [MMA<sup>+</sup>18]. **Register** [AKMS21]. **Registers** [LBDPP19, MTT21, SZHB21]. **Regression** [ZGD22]. **Regulator** [WCL23]. **Reliability** [AAA<sup>+</sup>21, AMRCP21, ISM<sup>+</sup>23, LNZ<sup>+</sup>22, RAPK23, WSMRM20]. **Reliable** [FSMG<sup>+</sup>19, MMA<sup>+</sup>18]. **Remote** [SMJ21, WWL<sup>+</sup>20]. **Rendering** [TSS<sup>+</sup>22, ZJX20]. **Replacement** [SSS<sup>+</sup>22]. **Replication** [DAPS21]. **Reprogrammable** [ZCNA16, ZCNA17]. **Research** [CXLL22, GZ22, GGH<sup>+</sup>22, HCW23, LPL22, TEYK21, WDM22]. **resilience** [BMM<sup>+</sup>20]. **Resiliency** [CCA<sup>+</sup>18a]. **Resilient** [CCA<sup>+</sup>18b, DBP21, NRLH22, WCL23]. **Resisted** [DHL<sup>+</sup>21]. **Resolution** [WBH<sup>+</sup>18, WBH<sup>+</sup>19]. **Resource** [AHB20, ET21, dAGM23, IK21b, JBK23, PACB21, SCL<sup>+</sup>21, ZCH22]. **Resource-Constrained** [ET21, dAGM23, JBK23]. **Retargeting** [COMP19]. **Retirement** [KKEG22]. **Return** [KGBH22]. **Return-Oriented** [KGBH22]. **Reuse** [ZHL<sup>+</sup>23]. **Review** [WCGL23, SFAAL22]. **revolutionary** [GG18]. **revolutionize** [Gre20]. **RF** [KKH<sup>+</sup>20]. **RFID** [IFO<sup>+</sup>18]. **Rich** [SNOT21]. **RIMI** [KLP<sup>+</sup>20]. **RISC** [And20, Ano23b, BDdD19b, BFC<sup>+</sup>23,

CKTG21, Cho19, EHK20, KFGH<sup>+23</sup>,  
 MTAL22, RZAH<sup>+19b</sup>, TLB<sup>+22</sup>, WY23,  
 dOK23, ABC<sup>+20</sup>, AAA<sup>+21</sup>, ASE<sup>+21</sup>,  
 AKMS20, AKMS21, AS22, APHD21a,  
 APHD21b, APSH<sup>+22</sup>, AEAS21, AvAG21,  
 AS18, AAC<sup>+23</sup>, AFP<sup>+17</sup>, ABP22, AAB<sup>+23</sup>,  
 AHB20, ABM<sup>+23</sup>, ARH<sup>+22</sup>, Ano20, Ano22,  
 Ano23a, Ano23c, Ano23d, Ano23f, Ano23g,  
 Ant22, AMRCP21, AMG<sup>+20</sup>, AP14,  
 ABW<sup>+20</sup>, ABW<sup>+21</sup>, AWB<sup>+23</sup>, ADF<sup>+23</sup>,  
 ASH19, AHV<sup>+21</sup>, AYA<sup>+23</sup>, BKS22, BBV<sup>+23</sup>,  
 BSSW21, BSZ<sup>+21</sup>, BWZ<sup>+21</sup>, BSZ<sup>+24</sup>,  
 BHR<sup>+18</sup>, BRH<sup>+19</sup>, BB21, BMM<sup>+20</sup>,  
 BCM<sup>+21</sup>, BJN23, Bar20, BFP<sup>+22</sup>, BCCM21,  
 Ben23, BPM<sup>+21</sup>, BPF<sup>+22</sup>, BZVCB23,  
 BBVB20, BP21, BPS<sup>+23</sup>, BWP22, BCZ21a,  
 BCZ21b, BF23, BR24, BHGD21, BHD23,  
 BHT<sup>+21</sup>, BGVB18, CCC<sup>+22</sup>, CIPR21,  
 CTN18, CXLL20, CCC<sup>+19</sup>, CGG21, CG23,  
 CDF<sup>+20</sup>, CDP<sup>+22</sup>, CRMR<sup>+23</sup>, CMV21,  
 CSZ<sup>+20</sup>, CV22, CPWG23, CLC<sup>+20</sup>]. **RISC**  
 [CXL<sup>+20a</sup>, CXL<sup>+20b</sup>, CWD<sup>+21</sup>, CLWL21,  
 CKTK22, CYJ<sup>+22</sup>, CKTK23, CPLS23,  
 CWS<sup>+23</sup>, CWS<sup>+24</sup>, CCA<sup>+18a</sup>, CCA<sup>+18b</sup>,  
 Cho18, CSM22, CAL23, CKK<sup>+18</sup>, CKP19,  
 COMP19, Cil21, CRRS21, CRRS22,  
 CPG<sup>+23</sup>, CRP<sup>+23</sup>, CTSG22, CLW23,  
 CSO<sup>+23</sup>, DAHK20, DHL<sup>+21</sup>, DNN23,  
 DUM<sup>+19</sup>, DBP21, DXT<sup>+18</sup>, DBGJ19,  
 DBGJ20, DG22, DGH19, DAPS21, DCM23,  
 DCEJ21, DYZ<sup>+22</sup>, DPV<sup>+17</sup>, DDM<sup>+20</sup>,  
 DPP22, DKC<sup>+21</sup>, DKT<sup>+23</sup>, DZZZ23,  
 DEA<sup>+21</sup>, DtEt22, DCC<sup>+23</sup>, DRN<sup>+23</sup>,  
 DXYZ19, DK23, DAK<sup>+21</sup>, DKA<sup>+22</sup>,  
 DLMP21, DCL23, DFA<sup>+23</sup>, DRC<sup>+16</sup>,  
 DGA<sup>+17</sup>, DWG<sup>+20</sup>, DMR<sup>+20</sup>, EAI19,  
 EAM<sup>+22</sup>, EMMB19, EAMK21, EKAK22,  
 EEI<sup>+18</sup>, ELG20, ETR<sup>+20</sup>, ET21, EHN23,  
 EGBS22, FSPB21, FDS<sup>+23</sup>, FHY19,  
 FFW20, FWZL19, FHL<sup>+22</sup>, FdRES23,  
 FKS22, FTRH20, FGD<sup>+19</sup>, FRC<sup>+18</sup>,  
 FvHC<sup>+23</sup>, FSMU21, FSMG<sup>+19</sup>, FSS20,  
 FHD22, FAPHD23, FDMM22, GM21, GZ22,  
 GZC22, GCL<sup>+23</sup>, GMS<sup>+23</sup>, GRCRCG<sup>+20</sup>,  
 GRC<sup>+19</sup>, GTC<sup>+20</sup>, GTC<sup>+21a</sup>, GTC<sup>+21b</sup>].  
**RISC**  
 [GPV<sup>+22</sup>, GTP<sup>+22</sup>, GGH<sup>+22</sup>, GBP21,  
 GST<sup>+17</sup>, GDR<sup>+22</sup>, GXLW22, GAMG<sup>+23</sup>,  
 Gen24, GWZS23, GKB<sup>+22</sup>, dAGM23,  
 GMK<sup>+23</sup>, GAO21, GG18, GAE<sup>+23</sup>, GMV20,  
 GMFC23, GGÁARG<sup>+21</sup>, GZK<sup>+21</sup>, GPL22,  
 GRD22, GLS21, GTD<sup>+23</sup>, GVT<sup>+22</sup>, Gra16,  
 GTCS21, Gre20, GCCR21, GCR<sup>+23</sup>,  
 GYW<sup>+23</sup>, GJC23, GSDB18, HYML23,  
 HBSE22, HYWP<sup>+19</sup>, HWJ23, HJ23,  
 HSR<sup>+23</sup>, HHB23, HH21, HVW<sup>+21</sup>, HCP<sup>+21</sup>,  
 HH22, HK20, HYXW22, HSL<sup>+23</sup>, HSWM23,  
 HCW23, HLHK19, HMJ22, HMJ23, HMJ24,  
 HGLD18, HGLD19, HGD<sup>+19</sup>, HGTD20,  
 HGD20a, HGJD20, HGD20b, HGD20c,  
 HTGD21, HSEKD21, HMTL21, HDT<sup>+20</sup>,  
 HHB<sup>+19</sup>, HUL<sup>+22</sup>, HCZ21, HWG22, HH23,  
 HCL<sup>+21</sup>, HM21, IK21a, IVZV20, ISM<sup>+23</sup>,  
 ILG19, IFO<sup>+18</sup>, IK21b, IZG22, JBK23,  
 JSB20, JHL<sup>+21</sup>, JZWL23, JHLD21,  
 JRD<sup>+23</sup>, JHQ23, JRW<sup>+23</sup>, JK20, JS23,  
 KSAL21, KIS20, KIS22, KAR<sup>+19</sup>, KHG20,  
 KG22a, KG22b, KK21, KFK<sup>+19</sup>, KM21,  
 KA20, KFS22, KSFS24]. **RISC**  
 [KSSMRB23, KNK<sup>+21</sup>, KCZ<sup>+17</sup>, KEAS<sup>+18</sup>,  
 KKH<sup>+20</sup>, KLP<sup>+20</sup>, KS22, KKOY19, KG22c,  
 KRR22, KYDÖ21, KHH22, KAMS19,  
 KGBH22, KHS<sup>+23</sup>, KMS22, KSRT23,  
 KCGL23, KZH22, KMB22, KKEG22,  
 KCHYM19, KFGH<sup>+23</sup>, KGHRM23, KK23,  
 KKE<sup>+22</sup>, LCCS21, LRF<sup>+21</sup>, LBDPP19,  
 LHD<sup>+21</sup>, LHD<sup>+22</sup>, LF22, LWA<sup>+14</sup>, LZW<sup>+15</sup>,  
 LWC<sup>+16</sup>, LCYK20, LPB<sup>+21</sup>, LHC<sup>+21</sup>,  
 LKKK22, LCN<sup>+23</sup>, LKHK23, LYZH20,  
 LWC18, LSB22, LGB17, LHC19, LWD20,  
 LHT<sup>+21</sup>, LCG<sup>+23</sup>, LCF23, LMP23, LYL23,  
 LWLA23, LXC23, LVR<sup>+20</sup>, LNA21, LPZ19,  
 Liu21, LPL22, LHK23, LNZ<sup>+22</sup>, LLS22,  
 LVPSB<sup>+23</sup>, LZH20, LLL<sup>+21</sup>, Lu21b, Lu21a,  
 Lu22, LNB<sup>+23</sup>, LRB18, MCL<sup>+21</sup>, MCL22,  
 MLPH23, MSZB19, MKČ23, MKM20, MC22,  
 MSSS23, MMD<sup>+22a</sup>, MMD<sup>+22b</sup>, MMD<sup>+22c</sup>,  
 MSP23, MMGC20, MTCL21, MLD<sup>+23</sup>,

MG22, MR22, MPP21, MFM<sup>+19</sup>, MTT21, MS17, MAS18, MSJ19, MB16, MST<sup>+23</sup>, MZZG22, MMR<sup>+17</sup>, MSR<sup>+21</sup>, MSD<sup>+22</sup>, MSDM23, uhMSI19, MKB<sup>+23</sup>, MPU<sup>+23</sup>, MKVD23, MGZ<sup>+23</sup>, MRSBGR<sup>+20</sup>]. **RISC** [MRGR<sup>+21a</sup>, MRGR<sup>+21b</sup>, MRAM<sup>+23</sup>, gMCP19, MDR19, MTJ<sup>+22</sup>, MRB<sup>+23</sup>, MSFK21, MÇB22, MMA<sup>+18</sup>, NRB<sup>+23</sup>, NRA<sup>+22</sup>, NNPG23, NDZ<sup>+21</sup>, NWP<sup>+23</sup>, NAL22, NHML<sup>+22</sup>, NKH<sup>+21</sup>, NBT22, NGS20, NKTS23, NPA<sup>+23</sup>, NSM<sup>+23</sup>, NRLH22, OPY<sup>+18</sup>, OCMP19, OCC<sup>+17</sup>, OGT<sup>+20</sup>, OBSB23, OBB<sup>+24</sup>, PSS23, PDL18, PS22a, PLH<sup>+22</sup>, PKN<sup>+20</sup>, PKL21, PJJ21, PKC<sup>+20</sup>, PKKK22, PCL<sup>+23</sup>, PHC<sup>+23</sup>, PAPJ<sup>+23</sup>, PGTD23, PRS<sup>+15</sup>, PNSD20, PW17a, Pat18, PACB21, PPS<sup>+19</sup>, PH18, PFD21, PCW<sup>+22</sup>, PCO<sup>+23</sup>, PGW<sup>+20</sup>, PMKZ22, PPYB23, PRP<sup>+23</sup>, PGZMG21, POMD22, PLSK20, PSZMM21, PNG20, PS22b, PSM23, PMBA19, PNV22, QCL<sup>+23</sup>, QLH21, QYZ21, QLC20, RSR21, RRJ<sup>+21</sup>, RSR20, RHS<sup>+22</sup>, RKH<sup>+23</sup>, RAPK23, RRC<sup>+20</sup>, RPD<sup>+15</sup>, RPSD16, RSA<sup>+23</sup>, RMF22, RKRF21, RBK18, RLL<sup>+21</sup>, RSS<sup>+21</sup>, RHGD21, RMP<sup>+19</sup>, RK23, RMR21, RSM<sup>+23</sup>, RPA22, RZAH<sup>+19a</sup>, RFS20, RCS<sup>+19</sup>, RHD<sup>+23</sup>]. **RISC** [SGP<sup>+23</sup>, SEM19, SMP22, SVM<sup>+23</sup>, SNM22, SG23, SJR<sup>+23</sup>, SUM23, SNH22, SGCGR17, SSS<sup>+22</sup>, SFAAL22, SLZ<sup>+20</sup>, SLK<sup>+21</sup>, SML<sup>+22</sup>, SMMD23, SSB22, SAF<sup>+23</sup>, SC17, SLBJ23, SBJ21, SMB17, SAB22, SED<sup>+23</sup>, SCR<sup>+17</sup>, SSR<sup>+18</sup>, SRD<sup>+21</sup>, SAW<sup>+20</sup>, SWW<sup>+21</sup>, SWW<sup>+22</sup>, SZHB21, SJER23, SSD<sup>+21</sup>, Sew21, SMGS22, SJM<sup>+20</sup>, SMJ21, SS19, SWWL23, SR22, SUAR23, SSB<sup>+19</sup>, SCA<sup>+22</sup>, SFGB20, SB23, SJYZ22, SCM<sup>+21</sup>, SPDLP<sup>+22</sup>, SLB<sup>+22</sup>, SCL<sup>+21</sup>, SS22, SJBS21, SMOM19, Su20, Su21, SNK22, SLCK21, Suv21a, Suv21b, SNOT20, SNOT21, SLMS21, SKK<sup>+22</sup>, SSD<sup>+22</sup>, Szk21, TTB22, TS20, TMR<sup>+19</sup>, TBSh22, TLS22, TT22, TBS<sup>+21</sup>, TZPL21, TH22, TZS<sup>+21</sup>, TZ22, TZG<sup>+23</sup>, TGMD20, TGMD21, TBLD23, TDPD<sup>+21</sup>, TEYK21, TYEK21, TSS<sup>+22</sup>, TGRK19, TGRK21, TGT<sup>+23</sup>, TAC<sup>+22</sup>, TSABTM20, TBR<sup>+22</sup>, TCL<sup>+21</sup>, TTDD21, TDH<sup>+23</sup>, TBK<sup>+19</sup>, TL22, TCH23, TOYK22, TA22]. **RISC** [USQ<sup>+22</sup>, UD18, UD20, VTS<sup>+23</sup>, VKG22, VROdIT22, VMO<sup>+22</sup>, VMO<sup>+23</sup>, VSD22, VMFL23, WSMRM20, WRD<sup>+17</sup>, WWZL17, WBH<sup>+18</sup>, WT19, WZW<sup>+19</sup>, WBH<sup>+19</sup>, WTZ<sup>+20</sup>, WZW<sup>+21</sup>, WLW<sup>+21</sup>, WLY<sup>+22</sup>, WDM22, WWGW23, WWW23, WLI23, WTS21, WLA<sup>+13</sup>, WA21, WAH21, WYK21, WCGL23, WMGD23, WSUM19, WMA<sup>+21</sup>, WMR<sup>+22</sup>, WW19, WW21, WWB23, WSG<sup>+21</sup>, WSK<sup>+20</sup>, WXY<sup>+22</sup>, WHB<sup>+22</sup>, WLC22, WTY<sup>+23</sup>, WCL23, WGZ<sup>+23</sup>, XZW<sup>+22</sup>, XLZ23, XHY<sup>+20</sup>, XYT<sup>+22</sup>, XYT<sup>+23</sup>, YBR<sup>+23</sup>, YNYD23, Yan20, YLC21, YCL<sup>+23</sup>, YLT<sup>+23</sup>, YTL<sup>+23</sup>, YYM21, YTÖ21, YXH20, YLT22, YWZL22, YYP<sup>+22</sup>, ZLC19, ZB19, ZSB20, ZSB21, Zee22, ZTC21, ZPRD21, ZPRD22, ZPRD23, ZBZ<sup>+23</sup>, ZHC<sup>+18</sup>, ZZW<sup>+19</sup>, ZWL<sup>+20</sup>, ZGL<sup>+21</sup>, ZZG21, ZZZ21, ZGMD22, ZGD22, Zha22, ZHX<sup>+22</sup>, ZHLR22, ZGG23, ZZZ<sup>+23</sup>, ZCH<sup>+23</sup>, ZXXH22, ZKS<sup>+23</sup>, ZUSK23, ZZQ21, ZCH22, ZWL<sup>+23</sup>, ZSM20, ZSM21, ZS23, ZJX20, ZHL<sup>+23</sup>, ZBA<sup>+20</sup>, ZLP<sup>+15</sup>, ZCNA16, ZLP<sup>+16</sup>, ZCNA17, ZPL<sup>+23</sup>]. **RISC** [ZNF21, ZZL<sup>+22</sup>, ZC23, dOTB<sup>+20</sup>]. **RISC-HD** [TBSh22]. **RISC-V** [And20, Ano23b, BDdD19b, BFC<sup>+23</sup>, CKTG21, Cho19, KFGH<sup>+23</sup>, MTAL22, TLB<sup>+22</sup>, WY23, dOK23, ABC<sup>+20</sup>, AAA<sup>+21</sup>, ASE<sup>+21</sup>, AKMS20, AKMS21, AS22, APHD21a, APHD21b, APSH<sup>+22</sup>, AEAS21, AvAG21, AS18, AAC<sup>+23</sup>, AFP<sup>+17</sup>, ABP22, AAB<sup>+23</sup>, AHB20, ABM<sup>+23</sup>, ARH<sup>+22</sup>, Ano20, Ano22, Ano23a, Ano23c, Ano23d, Ano23f, Ano23g, Ant22, AMRCP21, AMG<sup>+20</sup>, AP14, ABW<sup>+20</sup>, ABW<sup>+21</sup>, AWB<sup>+23</sup>, ADF<sup>+23</sup>, ASH19, AHV<sup>+21</sup>, AYA<sup>+23</sup>, BKS22, BBV<sup>+23</sup>, BSSW21,

BSZ<sup>+21</sup>, BWZ<sup>+21</sup>, BSZ<sup>+24</sup>, BHR<sup>+18</sup>,  
 BRH<sup>+19</sup>, BB21, BMM<sup>+20</sup>, BCM<sup>+21</sup>, BJN23,  
 Bar20, BFP<sup>+22</sup>, Ben23, BPM<sup>+21</sup>, BPF<sup>+22</sup>,  
 BZVCB23, BBVB20, BP21, BWP22,  
 BCZ21a, BCZ21b, BF23, BR24, BHGD21,  
 BHD23, BHT<sup>+21</sup>, BGVB18, CCC<sup>+22</sup>,  
 CIPR21, CTN18, CXLL22, CCC<sup>+19</sup>, CGG21,  
 CG23, CDF<sup>+20</sup>, CDP<sup>+22</sup>, CRMR<sup>+23</sup>,  
 CMV21, CSZ<sup>+20</sup>, CV22, CPWG23, CLC<sup>+20</sup>,  
 CXL<sup>+20a</sup>, CXL<sup>+20b</sup>, CWD<sup>+21</sup>, CLWL21].  
**RISC-V** [CKTK22, CYJ<sup>+22</sup>, CKTK23,  
 CPLS23, CWS<sup>+23</sup>, CWS<sup>+24</sup>, CCA<sup>+18a</sup>,  
 CCA<sup>+18b</sup>, Cho18, CSM22, CAL23,  
 CKK<sup>+18</sup>, CKP19, COMP19, Cil21, CRRS21,  
 CRRS22, CPG<sup>+23</sup>, CRP<sup>+23</sup>, CTSG22,  
 CLW23, CSO<sup>+23</sup>, DAHK20, DHL<sup>+21</sup>,  
 DNN23, DUM<sup>+19</sup>, DBP21, DXT<sup>+18</sup>,  
 DBGJ19, DBGJ20, DG22, DGH19, DAPS21,  
 DCM23, DCEJ21, DYZ<sup>+22</sup>, DPV<sup>+17</sup>,  
 DDM<sup>+20</sup>, DPP22, DKC<sup>+21</sup>, DKT<sup>+23</sup>,  
 DZZZ23, DEA<sup>+21</sup>, DtEt22, DCC<sup>+23</sup>,  
 DRN<sup>+23</sup>, DXYZ19, DK23, DAK<sup>+21</sup>,  
 DKA<sup>+22</sup>, DLMP21, DCL23, DFA<sup>+23</sup>,  
 DRC<sup>+16</sup>, DGA<sup>+17</sup>, DWG<sup>+20</sup>, DMR<sup>+20</sup>,  
 EAI19, EAM<sup>+22</sup>, EMMB19, EAMK21,  
 EKAK22, EEI<sup>+18</sup>, ELG20, ETR<sup>+20</sup>, ET21,  
 EHN23, EGBS22, FSPB21, FDS<sup>+23</sup>, FHY19,  
 FFW20, FWZL19, FHL<sup>+22</sup>, FdRES23,  
 FKS22, FTRH20, FGD<sup>+19</sup>, FRC<sup>+18</sup>,  
 FvHC<sup>+23</sup>, FSMU21, FSMG<sup>+19</sup>, FSS20,  
 FHD22, FAPHD23, FDMM22, GM21, GZ22,  
 GZC22, GCL<sup>+23</sup>, GMS<sup>+23</sup>, GRCRCG<sup>+20</sup>,  
 GRC<sup>+19</sup>, GTC<sup>+20</sup>, GTC<sup>+21a</sup>, GTC<sup>+21b</sup>,  
 GPV<sup>+22</sup>, GTP<sup>+22</sup>, GST<sup>+17</sup>, GDR<sup>+22</sup>].  
**RISC-V** [GXLW22, GAMG<sup>+23</sup>, Gen24,  
 GWZS23, GKB<sup>+22</sup>, dAGM23, GMK<sup>+23</sup>,  
 GAO21, GG18, GAE<sup>+23</sup>, GMV20, GMFC23,  
 GZK<sup>+21</sup>, GPL22, GRD22, GLS21, GTD<sup>+23</sup>,  
 GVT<sup>+22</sup>, Gra16, GTCS21, Gre20, GCCR21,  
 GCR<sup>+23</sup>, GYW<sup>+23</sup>, GJC23, GSDB18,  
 HYML23, HBSE22, HYWP<sup>+19</sup>, HWJ23,  
 HSR<sup>+23</sup>, HHB23, HH21, HVW<sup>+21</sup>,  
 HCP<sup>+21</sup>, HH22, HK20, HYXW22, HSWM23,  
 HCW23, HLHK19, HMJ22, HMJ23, HMJ24,  
 HGLD18, HGLD19, HGD<sup>+19</sup>, HGTD20,  
 HGD20a, HGJD20, HGD20b, HGD20c,  
 HTGD21, HSEKD21, HMTL21, HDT<sup>+20</sup>,  
 HHB<sup>+19</sup>, Hor20, HCZ21, HWG22, HH23,  
 HCL<sup>+21</sup>, HM21, IK21a, IVZV20, ISM<sup>+23</sup>,  
 ILG19, IFO<sup>+18</sup>, IK21b, IZG22, JBK23,  
 JSB20, JHL<sup>+21</sup>, JZWL23, JHLD21,  
 JRD<sup>+23</sup>, JHQ23, JRW<sup>+23</sup>, JK20, JS23,  
 KSAL21, KIS20, KIS22, KAR<sup>+19</sup>, KHG20,  
 KG22a, KG22b, KK21, KFK<sup>+19</sup>, KM21,  
 KA20, KFS22, KSFS24, KNK<sup>+21</sup>, KCZ<sup>+17</sup>,  
 KEAS<sup>+18</sup>, KKH<sup>+20</sup>, KLP<sup>+20</sup>, KS22,  
 KKOY19, KG22c, KRR22]. **RISC-V**  
 [KYDÖ21, KHH22, KAMS19, KGBH22,  
 KHS<sup>+23</sup>, KMS22, KSRT23, KCGL23,  
 KZH22, KMB22, KKEG22, KCHYM19,  
 KFGH<sup>+23</sup>, KGHM23, KK23, KKE<sup>+22</sup>,  
 LCCS21, LRF<sup>+21</sup>, LBDPP19, LHD<sup>+21</sup>,  
 LHD<sup>+22</sup>, LF22, LWA<sup>+14</sup>, LZW<sup>+15</sup>,  
 LWC<sup>+16</sup>, LCYK20, LPB<sup>+21</sup>, LHC<sup>+21</sup>,  
 LKKK22, LCN<sup>+23</sup>, LKHK23, LYZH20,  
 LWC18, LSB22, LGB17, LHC19, LWD20,  
 LHT<sup>+21</sup>, LCG<sup>+23</sup>, LCF23, LMP23, LYL23,  
 LWLA23, LXC23, LVR<sup>+20</sup>, LNA21, LPZ19,  
 Liu21, LPL22, LHK23, LNZ<sup>+22</sup>, LLS22,  
 LVPSB<sup>+23</sup>, LZH20, LLL<sup>+21</sup>, Lu21b, Lu21a,  
 Lu22, LNB<sup>+23</sup>, LRB18, MCL<sup>+21</sup>, MCL22,  
 MLPH23, MSZB19, MKČ23, MKM20,  
 MC22, MSSS23, MMD<sup>+22a</sup>, MMD<sup>+22b</sup>,  
 MMD<sup>+22c</sup>, MSP23, MMGC20, MTCL21,  
 MLD<sup>+23</sup>, MG22, MR22, MPP21, MFM<sup>+19</sup>,  
 MTT21, MS17, MAS18, MSJ19, MB16,  
 MST<sup>+23</sup>, MZZG22, MMR<sup>+17</sup>, MSR<sup>+21</sup>,  
 MSD<sup>+22</sup>, MSDM23, uhMSI19, MPU<sup>+23</sup>,  
 MKVD23, MGZ<sup>+23</sup>, MRSBGR<sup>+20</sup>,  
 MRGRCR<sup>+21a</sup>, MRGRCR<sup>+21b</sup>, MRAM<sup>+23</sup>,  
 gMCP19, MDR19, MTJ<sup>+22</sup>, MRB<sup>+23</sup>,  
 MSFK21, MČB22, MMA<sup>+18</sup>]. **RISC-V**  
 [NRB<sup>+23</sup>, NRA<sup>+22</sup>, NNPG23, NDZ<sup>+21</sup>,  
 NWP<sup>+23</sup>, NAL22, NHML<sup>+22</sup>, NKH<sup>+21</sup>,  
 NBT22, NGS20, NKTS23, NPA<sup>+23</sup>,  
 NSM<sup>+23</sup>, NRLH22, OPY<sup>+18</sup>, OCOMP19,  
 OCC<sup>+17</sup>, OGT<sup>+20</sup>, OBSB23, OBB<sup>+24</sup>,  
 PSS23, PDLC18, PS22a, PLH<sup>+22</sup>, PKN<sup>+20</sup>,

PKL21, PJJ21, PKC<sup>+</sup>20, PKKK22,  
PCL<sup>+</sup>23, PHC<sup>+</sup>23, PAPJ<sup>+</sup>23, PGTD23,  
PNSD20, PW17a, Pat18, PACB21, PPS<sup>+</sup>19,  
PH18, PFD21, PCW<sup>+</sup>22, PGW<sup>+</sup>20,  
PMKZ22, PPYB23, PRP<sup>+</sup>23, PGZMG21,  
POMD22, PLSK20, PNG20, PS22b, PSM23,  
PMBA19, PNV22, QCL<sup>+</sup>23, QLH21, QYZ21,  
RSR21, RRJ<sup>+</sup>21, RSR20, RHS<sup>+</sup>22, RKH<sup>+</sup>23,  
RAPK23, RRC<sup>+</sup>20, RPD<sup>+</sup>15, RPSD16,  
RSA<sup>+</sup>23, RMF22, RKRF21, RBK18, RSS<sup>+</sup>21,  
RHGD21, RMP<sup>+</sup>19, RK23, RSM<sup>+</sup>23, RPA22,  
RZAH<sup>+</sup>19a, RFS20, RCS<sup>+</sup>19, RHD<sup>+</sup>23,  
SGP<sup>+</sup>23, SEM19, SMP22, SVM<sup>+</sup>23, SNM22,  
SG23, SJR<sup>+</sup>23, SUM23, SNH22,  
SGCGCR17, SSS<sup>+</sup>22, SFAAL22, SLZ<sup>+</sup>20,  
SLK<sup>+</sup>21, SML<sup>+</sup>22, SMMD23, SSB22].  
**RISC-V** [SAF<sup>+</sup>23, SC17, SLBJ23, SBJ21,  
SMB17, SAB22, SED<sup>+</sup>23, SCR<sup>+</sup>17, SSR<sup>+</sup>18,  
SRD<sup>+</sup>21, SAW<sup>+</sup>20, SWW<sup>+</sup>21, SWW<sup>+</sup>22,  
SZHB21, SJER23, SSD<sup>+</sup>21, Sew21, SMGS22,  
SJM<sup>+</sup>20, SMJ21, SS19, SWWL23, SR22,  
SUAR23, SSB<sup>+</sup>19, SCA<sup>+</sup>22, SFGB20, SB23,  
SJYZ22, SCM<sup>+</sup>21, SPDLP<sup>+</sup>22, SLB<sup>+</sup>22,  
SCL<sup>+</sup>21, SS22, SJBS21, SMOM19, Su20,  
Su21, SNK22, SLCK21, Suv21a, SNOT20,  
SNOT21, SLMS21, SKK<sup>+</sup>22, SSD<sup>+</sup>22, Szk21,  
TTB22, TS20, TMR<sup>+</sup>19, TBSH22, TLS22,  
TT22, TBS<sup>+</sup>21, TZPL21, TH22, TZS<sup>+</sup>21,  
TZ22, TZG<sup>+</sup>23, TGMD20, TGMD21,  
TBLD23, TDPD<sup>+</sup>21, TEYK21, TYEK21,  
TSS<sup>+</sup>22, TGRK19, TGRK21, TGT<sup>+</sup>23,  
TAC<sup>+</sup>22, TSABTM20, TCL<sup>+</sup>21, TTDD21,  
TDH<sup>+</sup>23, TBK<sup>+</sup>19, TL22, TCH23, TOYK22,  
TA22, USQ<sup>+</sup>22, UD18, UD20, VTS<sup>+</sup>23,  
VROdiT22, VMO<sup>+</sup>22, VMO<sup>+</sup>23, VSD22,  
VMFL23, WSMRM20, WRD<sup>+</sup>17, WWZL17,  
WBH<sup>+</sup>18, WT19, WZW<sup>+</sup>19, WBH<sup>+</sup>19,  
WTZ<sup>+</sup>20, WZW<sup>+</sup>21, WLW<sup>+</sup>21]. **RISC-V**  
[WLY<sup>+</sup>22, WDM22, WGW23, WWW23,  
WLI23, WTS21, WLA<sup>+</sup>13, WA21, WAH21,  
WYK21, WCGL23, WMGD23, WSUM19,  
WMA<sup>+</sup>21, WMR<sup>+</sup>22, WW19, WW21,  
WWB23, WSG<sup>+</sup>21, WSK<sup>+</sup>20, WXY<sup>+</sup>22,  
WHB<sup>+</sup>22, WLC22, WTY<sup>+</sup>23, WCL23,

WGZ<sup>+</sup>23, XZW<sup>+</sup>22, XLZ23, XHY<sup>+</sup>20,  
XYT<sup>+</sup>22, XYT<sup>+</sup>23, YBR<sup>+</sup>23, YNYD23,  
Yan20, YLC21, YCL<sup>+</sup>23, YLT<sup>+</sup>23, YTL<sup>+</sup>23,  
YYM21, YTO21, YXH20, YLT22, YWZL22,  
YYP<sup>+</sup>22, ZLC19, ZB19, ZSB20, ZSB21,  
Zee22, ZTC21, ZPRD21, ZPRD22, ZPRD23,  
ZBZ<sup>+</sup>23, ZHC<sup>+</sup>18, ZZW<sup>+</sup>19, ZWL<sup>+</sup>20,  
ZGL<sup>+</sup>21, ZZG21, ZZZ21, ZGMD22, ZGD22,  
Zha22, ZHX<sup>+</sup>22, ZHLR22, ZGG23, ZZZ<sup>+</sup>23,  
ZCH<sup>+</sup>23, ZXXH22, ZKS<sup>+</sup>23, ZUSK23,  
ZZQ21, ZCH22, ZWL<sup>+</sup>23, ZSM20, ZSM21,  
ZS23, ZJX20, ZHL<sup>+</sup>23, ZBA<sup>+</sup>20, ZLP<sup>+</sup>15,  
ZCNA16, ZLP<sup>+</sup>16, ZCNA17, ZPL<sup>+</sup>23,  
ZNF21, ZZL<sup>+</sup>22, ZC23, dOTB<sup>+</sup>20].

#### **RISC-V-Based**

[HJ23, MKB<sup>+</sup>23, PCO<sup>+</sup>23, QLC20, RMR21,  
TBR<sup>+</sup>22, BCCM21, GGH<sup>+</sup>22, GGÁARG<sup>+</sup>21,  
HSL<sup>+</sup>23, HUL<sup>+</sup>22, KSSMRB23, RLL<sup>+</sup>21].

**RISC-V/Tensor** [DEA<sup>+</sup>21, DtEt22].

**RISC-V3** [RKRF21]. **RISC-VTF**

[JHLD21]. **RISCV** [ZZB<sup>+</sup>20, Hor21a].

**RISCV-based** [ZZB<sup>+</sup>20]. **riscv/QEMU**

[Hor21a]. **Rise** [Su20, AYA<sup>+</sup>23]. **RISK**

[PAPJ<sup>+</sup>23, FFW20]. **Risk-5** [FFW20].

**RLWE** [ZHC<sup>+</sup>18]. **RNN**

[AHB20, CDF<sup>+</sup>20, PACB21]. **RNN-based**

[AHB20, PACB21]. **Road** [BFP<sup>+</sup>22].

**Roadmap** [FDMM22]. **Robotics**

[LCYK20]. **Rocket**

[Ano23e, LBDPP19, LNB<sup>+</sup>23, SBJ21]. **Root**

[HSE<sup>+</sup>24]. **Roots** [Gen24]. **ROS** [LCYK20].

**ROS-Based** [LCYK20]. **rotation** [HC20].

**Routed** [KG17]. **RSA** [KSSMRB23]. **RSM**

[TGMD21]. **RTOS** [DL17]. **Running**

[GDR<sup>+</sup>22, IVZV20]. **Runtime** [HGTD20,

LWLA23, SAB22, WVN23, WRD<sup>+</sup>17].

**Runtime-reconfigurable**

[SAB22, WRD<sup>+</sup>17]. **RV** [CKTG21].

**RV-CAP** [CKTG21]. **RV32E** [Ano20].

**RV32I** [DPP22, GRCRCG<sup>+</sup>20].

**RV32IMAC** [DWG<sup>+</sup>20]. **RV32X** [WY23].

**RVCoreP** [KK21]. **RVCoreP-32IC**

[KK21]. **RvDfi** [FHL<sup>+</sup>22]. **RVFC** [XLZ23].

**RVfpga** [HCP<sup>+</sup>21]. **RVNet** [WWZL17].

RVNoC [EEI<sup>+</sup>18].

s [RZAH<sup>+</sup>19b, RZAH<sup>+</sup>19a]. **Saber** [KZH22, ZHLR22]. **Safe** [gMCP19]. **SafeLS** [SAF<sup>+</sup>23]. **Safety** [AAB<sup>+</sup>23, DLMP21, MKČ23, RLL<sup>+</sup>21, WMA<sup>+</sup>21, DUM<sup>+</sup>19]. **Safety-Critical** [MKČ23, RLL<sup>+</sup>21, WMA<sup>+</sup>21]. **SAR** [DRC<sup>+</sup>16]. **Sargantana** [DCC<sup>+</sup>23, SPDLP<sup>+</sup>22]. **SAT** [FSPB21]. **SAT-Based** [FSPB21]. **Satellite** [CDF<sup>+</sup>20]. **SBST** [FSPB21, FDS<sup>+</sup>23]. **Scalability** [TH22]. **Scalable** [AKMS20, BZVCB23, CSZ<sup>+</sup>20, CRP<sup>+</sup>23, GST<sup>+</sup>17, KKOY19, PNSD20, RSRT19, TBK<sup>+</sup>19, WWL<sup>+</sup>20]. **Scalar** [BDdD19b]. **Scale** [DAKK19, TSW<sup>+</sup>23, Sew21]. **Scale4Edge** [EAM<sup>+</sup>22]. **Scaled** [gMCP19]. **Scaling** [DHL<sup>+</sup>21, LCN<sup>+</sup>23, TLB<sup>+</sup>22]. **Scheduled** [QLC20]. **Scheduling** [APSH<sup>+</sup>22, EGBS22]. **Scheme** [FSS20, LWLA23, WLC22]. **schemes** [HK20]. **Scientific** [BDdD19b]. **Script** [ZNF21]. **Script-Based** [ZNF21]. **Scripting** [KKK<sup>+</sup>17a, KKK<sup>+</sup>17b, KKK<sup>+</sup>17c]. **Sealable** [DCEJ21]. **SealPK** [DCEJ21]. **second** [GCL<sup>+</sup>23]. **Secure** [ASE<sup>+</sup>21, DBP21, FSMG<sup>+</sup>19, GJC23, HYWP<sup>+</sup>19, KCHYM19, PDLC18, PKC<sup>+</sup>20, SSB<sup>+</sup>19, SS22, SLMS21, ZLC19, BF23]. **Secure-Boot** [HYWP<sup>+</sup>19]. **Secures** [Gen24]. **Securing** [DG22, PRP<sup>+</sup>23]. **Security** [AAA<sup>+</sup>21, AAB<sup>+</sup>23, Ano22, ASH19, AHV<sup>+</sup>21, CDP<sup>+</sup>22, CYJ<sup>+</sup>22, CAL23, DCL23, FHL<sup>+</sup>22, GAMG<sup>+</sup>23, Gen24, GWZS23, HVW<sup>+</sup>21, NGS20, OPY<sup>+</sup>18, RRJ<sup>+</sup>21, SG23, SKK<sup>+</sup>22, USQ<sup>+</sup>22, WGZ<sup>+</sup>23, ZHX<sup>+</sup>22, ZC23, Lu21a, MMR<sup>+</sup>17]. **Security-Critical** [SKK<sup>+</sup>22]. **SEGGER** [Ano20]. **seL4** [DK23]. **Selection** [HSE<sup>+</sup>24]. **Self** [TLB<sup>+</sup>22, ZZZ<sup>+</sup>23]. **Self-Healing** [ZZZ<sup>+</sup>23]. **Self-Powered** [TLB<sup>+</sup>22]. **Semantic** [SZHB21]. **Sensing** [DWG<sup>+</sup>20, EMMB19, TLB<sup>+</sup>22]. **Sensor** [CGG21, MGZ<sup>+</sup>23, SED<sup>+</sup>23, ZS23].

**September** [IEE22]. **Sequencing** [WHB<sup>+</sup>22]. **Sequential** [BBV<sup>+</sup>23, MTT21]. **Security** [WZW<sup>+</sup>19]. **Server** [ZZZ<sup>+</sup>23]. **servers** [LF22]. **services** [BF23]. **Set** [CLW23, DMR<sup>+</sup>20, FSS20, FHD22, GZC22, dAGM23, HMJ22, HMJ23, HMJ24, HCZ21, JZWL23, JHLD21, KG22c, LPZ19, Liu21, MR22, NDZ<sup>+</sup>21, Pat17, PMKZ22, TBLD23, WA21, WAH21, ZZL<sup>+</sup>22, EHN23, PKKK22, Pat18, RPSD16, WLA<sup>+</sup>13, ZJX20]. **Sets** [WZW<sup>+</sup>19, AP14]. **SEU** [DAPS21]. **SGX** [SNOT20, SNOT21]. **SHA** [LMP23]. **SHA-3** [LMP23]. **SHAKTI** [DUM<sup>+</sup>19, MMR<sup>+</sup>17]. **SHAKTI-MS** [DUM<sup>+</sup>19]. **Shakti-T** [MMR<sup>+</sup>17]. **Shape** [KIS20]. **Shape-Changeable** [KIS20]. **Shared** [IK21b, PHC<sup>+</sup>23]. **Sharing** [LVR<sup>+</sup>20]. **shellcoding** [BJN23]. **shift** [HC20]. **SHORE** [DLMP21]. **Short** [KKC<sup>+</sup>16]. **Short-circuit** [KKC<sup>+</sup>16]. **Shortcomings** [RHS<sup>+</sup>22]. **should** [AP14]. **Side** [Bis21, DGH19, HGD20a, JHQ23, LHD<sup>+</sup>21, GYW<sup>+</sup>23]. **Side-Channel** [DGH19, LHD<sup>+</sup>21, Bis21, GYW<sup>+</sup>23]. **SiFive** [Ano21]. **sign** [GG18]. **sign-off** [GG18]. **Signal** [ABP22, BHR<sup>+</sup>18, BRH<sup>+</sup>19, CCC<sup>+</sup>19, RMF22]. **Signature** [GJC23, KSSMRB23]. **Signatures** [KSFS24]. **Signoff** [YLT22]. **SIKE** [EAMK21, EKAK22, RFS20]. **Silicon** [ABC<sup>+</sup>20, CG23, TH22, MRGRCR<sup>+</sup>21a]. **SIMD** [AvAG21, LYL23, PKL21, PJJ21, PW17b, SPDLP<sup>+</sup>22, TMR<sup>+</sup>19, YCL<sup>+</sup>23]. **Simodense** [PJJ21]. **Simplify** [BCCM21]. **Simulation** [BWP22, CLWL21, DXYZ19, DMR<sup>+</sup>20, HGTD20, PFD21, SNK22, MG22]. **Simulator** [BHT<sup>+</sup>21]. **Simulators** [IZG22, TBLD23]. **Simultaneous** [ZLP<sup>+</sup>16]. **Simultaneous-Switching** [ZLP<sup>+</sup>16]. **Singapore** [GD19]. **Single** [BWZ<sup>+</sup>21, CLWL21, DPV<sup>+</sup>17, KFK<sup>+</sup>19, SZHB21]. **Single-Issue** [SZHB21]. **Single-Stage** [KFK<sup>+</sup>19]. **Siracusa** [SED<sup>+</sup>23]. **Siwa**

[GRCRCG<sup>+20</sup>]. **Size** [BSSW<sup>21</sup>, LCN<sup>+23</sup>, SLBJ<sup>23</sup>]. **Size-Optimized** [SLBJ<sup>23</sup>]. **Skip** [GAMG<sup>+23</sup>]. **SLM** [GMK<sup>+23</sup>]. **Slow** [SCR<sup>+17</sup>]. **SM2** [CPLS<sup>23</sup>, SWWL<sup>23</sup>]. **SM2/3** [CPLS<sup>23</sup>]. **SM4** [KKE<sup>+22</sup>, WWGW<sup>23</sup>]. **Small** [BPM<sup>+21</sup>, BWP<sup>22</sup>, TZPL<sup>21</sup>]. **small-board** [TZPL<sup>21</sup>]. **SmallFloat** [TMR<sup>+19</sup>]. **Smart** [CYJ<sup>+22</sup>, EMMB<sup>19</sup>, FdRES<sup>23</sup>, LZH<sup>20</sup>, SLMS<sup>21</sup>, YBR<sup>+23</sup>]. **smartphones** [LF<sup>22</sup>]. **SMURF** [BDdD<sup>19b</sup>]. **SNOW** [WYK<sup>21</sup>]. **SNOW-V** [WYK<sup>21</sup>]. **SoC** [DEA<sup>+21</sup>, DtEt<sup>22</sup>, HZS<sup>+19</sup>, DBP<sup>21</sup>, TH<sup>22</sup>, VMO<sup>+23</sup>, WTY<sup>+23</sup>, And<sup>20</sup>, AMG<sup>+20</sup>, AYA<sup>+23</sup>, BHR<sup>+18</sup>, BRH<sup>+19</sup>, BFC<sup>+23</sup>, BGVB<sup>18</sup>, CPG<sup>+23</sup>, DHL<sup>+21</sup>, DCM<sup>23</sup>, DCC<sup>+23</sup>, FHY<sup>19</sup>, FWZL<sup>19</sup>, FRC<sup>+18</sup>, GCL<sup>+23</sup>, GXLW<sup>22</sup>, GAO<sup>21</sup>, GZK<sup>+21</sup>, HSWM<sup>23</sup>, KCZ<sup>+17</sup>, LCG<sup>+23</sup>, Lu<sup>21b</sup>, MCL<sup>22</sup>, MLPH<sup>23</sup>, MSFK<sup>21</sup>, NWP<sup>+23</sup>, NGS<sup>20</sup>, QLH<sup>21</sup>, RAPK<sup>23</sup>, SED<sup>+23</sup>, SRD<sup>+21</sup>, SSD<sup>+21</sup>, TBS<sup>+21</sup>, TSABTM<sup>20</sup>, TDH<sup>+23</sup>, TLB<sup>+22</sup>, TL<sup>22</sup>, VTS<sup>+23</sup>, VKG<sup>22</sup>, VMO<sup>+22</sup>, WBH<sup>+18</sup>, WBH<sup>+19</sup>, WTZ<sup>+20</sup>, XZW<sup>+22</sup>, ZLC<sup>19</sup>, ZZQ<sup>21</sup>, ZWL<sup>+23</sup>, ZSM<sup>20</sup>, ZSM<sup>21</sup>, ZS<sup>23</sup>]. **SoCs** [BWP<sup>22</sup>, KFGH<sup>+23</sup>, PGW<sup>+20</sup>, TBR<sup>+22</sup>]. **Soft** [ARH<sup>+22</sup>, CMV<sup>21</sup>, CV<sup>22</sup>, Cho<sup>18</sup>, Cho<sup>19</sup>, DAPS<sup>21</sup>, FvHC<sup>+23</sup>, GDR<sup>+22</sup>, GRD<sup>22</sup>, KKOY<sup>19</sup>, LNZ<sup>+22</sup>, MFM<sup>+19</sup>, MAS<sup>18</sup>, OCC<sup>+17</sup>, PMKZ<sup>22</sup>, PMBA<sup>19</sup>, RTRM<sup>19</sup>, SUAR<sup>23</sup>, WW<sup>19</sup>, WWB<sup>23</sup>, WLC<sup>22</sup>, ZCH<sup>22</sup>, dOTB<sup>+20</sup>, BCM<sup>+21</sup>, KK<sup>21</sup>, MS<sup>17</sup>]. **Soft-Core** [KKOY<sup>19</sup>, PMBA<sup>19</sup>, FvHC<sup>+23</sup>, BCM<sup>+21</sup>]. **Soft-Cores** [GRD<sup>22</sup>]. **Soft-Processor** [MAS<sup>18</sup>, CMV<sup>21</sup>, MS<sup>17</sup>]. **Soft-Processors** [SUAR<sup>23</sup>]. **Softcore** [FdRES<sup>23</sup>, HLHK<sup>19</sup>, JBK<sup>23</sup>, PKL<sup>21</sup>, PJL<sup>21</sup>]. **softcores** [TLS<sup>22</sup>]. **Software** [AHV<sup>+21</sup>, BB<sup>21</sup>, Bau<sup>17</sup>, Bis<sup>21</sup>, BPS<sup>+23</sup>, CRMR<sup>+23</sup>, DAPS<sup>21</sup>, DYZ<sup>+22</sup>, DXYZ<sup>19</sup>, DLMP<sup>21</sup>, HVW<sup>+21</sup>, HSL<sup>+23</sup>, LBDPP<sup>19</sup>, LKHK<sup>23</sup>, MSD<sup>+22</sup>, uhMSI<sup>19</sup>, RFS<sup>20</sup>, SMGS<sup>22</sup>, TML<sup>+17a</sup>, TML<sup>+17b</sup>, TML<sup>+17c</sup>, WYK<sup>21</sup>, ZGMD<sup>22</sup>, ZGD<sup>22</sup>, ZWL<sup>+23</sup>, ZNF<sup>21</sup>, HP<sup>18</sup>, MRGRCR<sup>+21b</sup>, SBJ<sup>21</sup>, SCM<sup>+21</sup>, TZPL<sup>21</sup>, TSABTM<sup>20</sup>]. **Software-driven** [LKHK<sup>23</sup>]. **software-emulated** [MRGRCR<sup>+21b</sup>]. **Software-Hardware** [uhMSI<sup>19</sup>]. **Software-implemented** [SMGS<sup>22</sup>]. **software/hardware** [SCM<sup>+21</sup>]. **SOI** [CSZ<sup>+20</sup>, KCZ<sup>+17</sup>, MSZB<sup>19</sup>, SAW<sup>+20</sup>, SPDLP<sup>+22</sup>, WSK<sup>+20</sup>]. **solution** [CIPR<sup>21</sup>, KSAL<sup>21</sup>]. **Solutions** [BWP<sup>22</sup>]. **SonicBOOM** [LHK<sup>23</sup>]. **sound** [SGCGCR<sup>17</sup>]. **sounds** [FvHC<sup>+23</sup>]. **Source** [ABC<sup>+20</sup>, APHD<sup>21b</sup>, Ano<sup>21</sup>, Ano<sup>23c</sup>, CTN<sup>18</sup>, CKP<sup>19</sup>, DXT<sup>+18</sup>, FTRH<sup>20</sup>, Gen<sup>24</sup>, GCCR<sup>21</sup>, HCW<sup>23</sup>, HLHK<sup>19</sup>, HHB<sup>+19</sup>, ILG<sup>19</sup>, LNA<sup>21</sup>, MMD<sup>+22b</sup>, MMD<sup>+22c</sup>, MFM<sup>+19</sup>, PFD<sup>21</sup>, PCW<sup>+22</sup>, PCO<sup>+23</sup>, PGW<sup>+20</sup>, SAF<sup>+23</sup>, SSR<sup>+18</sup>, WW<sup>21</sup>, WSG<sup>+21</sup>, DAK<sup>+21</sup>, GYW<sup>+23</sup>, SNM<sup>22</sup>, SCL<sup>+21</sup>, TZPL<sup>21</sup>, VOK<sup>+22</sup>]. **Space** [And<sup>20</sup>, BSZ<sup>+21</sup>, BSZ<sup>+24</sup>, CDP<sup>+22</sup>, FDM<sup>22</sup>, LHK<sup>23</sup>, RAPK<sup>23</sup>, SVM<sup>+23</sup>, SLZ<sup>+20</sup>, SMMD<sup>23</sup>, SLBJ<sup>23</sup>, WLW<sup>+21</sup>, WMA<sup>+21</sup>, WMR<sup>+22</sup>]. **Space-Grade** [WMA<sup>+21</sup>, WMR<sup>+22</sup>]. **SpaceFibre** [Suv<sup>21b</sup>]. **Spaceflight** [MSP<sup>23</sup>]. **Sparq** [DFA<sup>+23</sup>]. **Sparse** [WBH<sup>+18</sup>, WBH<sup>+19</sup>]. **SPEC** [SSB<sup>22</sup>, TZS<sup>+21</sup>]. **Specific** [GGÁARG<sup>+21</sup>, HMJ<sup>22</sup>, OBSB<sup>23</sup>, WT<sup>19</sup>, XHY<sup>+20</sup>, YYP<sup>+22</sup>, ZXXH<sup>22</sup>, DL<sup>17</sup>, HP<sup>18</sup>, LPB<sup>+21</sup>, Pat<sup>18</sup>]. **Specification** [CTSG<sup>22</sup>, HGD<sup>20c</sup>, HZS<sup>+19</sup>]. **Specifications** [LPZ<sup>19</sup>]. **SpecTerminator** [JHQ<sup>23</sup>]. **Spectral** [WBH<sup>+18</sup>, WBH<sup>+19</sup>]. **Spectre** [LHD<sup>+22</sup>]. **Spectrophotometer** [SLB<sup>+22</sup>]. **Speculative** [GRD<sup>22</sup>, GCCR<sup>21</sup>, GCR<sup>+23</sup>, JHQ<sup>23</sup>, VKG<sup>22</sup>]. **speech** [DZZZ<sup>23</sup>]. **Speed** [BSSW<sup>21</sup>, HBSE<sup>22</sup>, KZH<sup>22</sup>, LWD<sup>20</sup>, NDZ<sup>+21</sup>, RLL<sup>+21</sup>, ZNF<sup>21</sup>]. **Speed-Up** [NDZ<sup>+21</sup>, ZNF<sup>21</sup>]. **speedAI240**

[SB23]. **Speeding** [LMP23, MGZ<sup>+23</sup>].  
**Spike** [Hor21b]. **sprung** [Gen24]. **SQRT** [LGB17]. **Square** [HSE<sup>+24</sup>, TS20, WTS21].  
**SRAM** [FvHC<sup>+23</sup>, RTRM19, SG23, VKG22, WW19, WW21, WWB23, ZHL<sup>+23</sup>, ZCNA17, dOTB<sup>+20</sup>]. **SRAM-Based** [RTRM19, WWB23, ZCNA17, dOTB<sup>+20</sup>, WW19, WW21]. **Stage** [CXL<sup>+20a</sup>, GZ22, KFK<sup>+19</sup>, PMKZ22, CSM22, YTL<sup>+23</sup>, ZZZ21]. **Standard** [LKHK23, BF23]. **standards** [HC20].  
**Started** [Hor20]. **Static** [LWLA23, RHS<sup>+22</sup>]. **steady** [SCR<sup>+17</sup>].  
**Stealthy** [PGTD23]. **Step** [NKTS23].  
**Stimulus** [AMG<sup>+20</sup>]. **Storage** [GCL<sup>+23</sup>, Lu21b]. **Strategies** [PPYB23].  
**Strategy** [HJ23]. **Stream** [SZHB21].  
**Structurally** [MKB<sup>+23</sup>].  
**Structurally-Pruned** [MKB<sup>+23</sup>].  
**Structure** [LPL22]. **Structured** [ZCH<sup>+23</sup>].  
**STT** [ZBA<sup>+20</sup>]. **STT-MRAM** [ZBA<sup>+20</sup>].  
**studies** [GYW<sup>+23</sup>]. **Study** [APSH<sup>+22</sup>, BHD23, CPWG23, DCM23, HGLD19, HGJD20, PKC<sup>+20</sup>, PGTD23, RHGD21, SSB22, SSR<sup>+18</sup>, WMGD23, YLC21, SCM<sup>+21</sup>]. **Sub** [ADF<sup>+23</sup>, DFA<sup>+23</sup>, UD18]. **Sub-Byte** [ADF<sup>+23</sup>, DFA<sup>+23</sup>]. **Submicrosecond** [KCZ<sup>+17</sup>]. **Suitability** [KRR22]. **Suitable** [SUM23]. **Suite** [CKP19, GYW<sup>+23</sup>].  
**Superscalar** [Ant22, GMV20]. **Superscaler** [DDM<sup>+20</sup>]. **Support** [BPM<sup>+21</sup>, CSZ<sup>+20</sup>, Cil21, KKK<sup>+17a</sup>, KKK<sup>+17b</sup>, KKK<sup>+17c</sup>, KKEG22, MSD<sup>+22</sup>, PCO<sup>+23</sup>, WY23].  
**Supported** [LCN<sup>+23</sup>, Ano20]. **Supporting** [DRN<sup>+23</sup>, MZZG22, KK21]. **Suppression** [TBK<sup>+19</sup>]. **surveillance** [SGCGCR17].  
**Survey** [AAB<sup>+23</sup>, BR24, CLW23, ET21, IZG22, MSD<sup>+22</sup>, NGS20, DAK<sup>+21</sup>, Lu21a].  
**Sustainable** [SAB22]. **SVE** [CRRS21]. **SW** [KSSMRB23, MSZB19]. **SweRV** [Ano23f].  
**Switched** [ZLP<sup>+16</sup>, LZW<sup>+15</sup>, MSFK21, ZLP<sup>+15</sup>].  
**Switched-Capacitor** [ZLP<sup>+16</sup>, LZW<sup>+15</sup>, MSFK21, ZLP<sup>+15</sup>].  
**Switching** [HGTD20, ZLP<sup>+16</sup>].  
**SWUpdate** [SCL<sup>+21</sup>]. **SX** [GMFC23, VMFL23]. **SX-Aurora** [GMFC23, VMFL23]. **Symbolic** [BHD23, TZG<sup>+23</sup>]. **Symposium** [BBdD17, IEE21, IEE22, TBL19].  
**Synchronization** [DAKK19]. **Synthesis** [GRD22, MMGC20, NSM<sup>+23</sup>].  
**Synthesizable** [LCG<sup>+23</sup>, RZAH<sup>+19b</sup>].  
**Synthesized** [RZAH<sup>+19a</sup>]. **System** [Ano22, BKS22, BWZ<sup>+21</sup>, GMS<sup>+23</sup>, GAO21, GPL22, HWJ23, HWG22, ILG19, JS23, KAR<sup>+19</sup>, KM21, LRF<sup>+21</sup>, LHD<sup>+21</sup>, LCF23, LXC23, LZH20, Lu22, MSSS23, MTCL21, MLD<sup>+23</sup>, MSDM23, MGZ<sup>+23</sup>, NBT22, NRLH22, RLL<sup>+21</sup>, RHD<sup>+23</sup>, SMB17, SAW<sup>+20</sup>, TDPD<sup>+21</sup>, VOK<sup>+22</sup>, WSMRM20, WTZ<sup>+20</sup>, WDM22, WGZ<sup>+23</sup>, YLT<sup>+23</sup>, YLT22, ZPRD22, ZZB<sup>+20</sup>, ZSM21, ZBA<sup>+20</sup>, ZC23, DGA<sup>+17</sup>, GG18, SJYZ22, WWZL17, ZZW<sup>+19</sup>, CKTG21, CYJ<sup>+22</sup>, CRP<sup>+23</sup>, DNN23, HYWP<sup>+19</sup>, HZS<sup>+19</sup>, KSSMRB23, KCHYM19, MSDM23, NKH<sup>+21</sup>, RSR20, SLK<sup>+21</sup>, SML<sup>+22</sup>, SMMD23, ZNF21].  
**System-Aware** [SMB17]. **System-Level** [GMS<sup>+23</sup>]. **system-on-chip** [DGA<sup>+17</sup>, CKTG21, CYJ<sup>+22</sup>, CRP<sup>+23</sup>, DNN23, HYWP<sup>+19</sup>, HZS<sup>+19</sup>, KSSMRB23, KCHYM19, MSDM23, NKH<sup>+21</sup>, RSR20, SLK<sup>+21</sup>, SML<sup>+22</sup>, SMMD23, ZNF21].  
**Systematic** [HGD<sup>+19</sup>]. **Systems** [APHD21b, APSh<sup>+22</sup>, dAGM23, HJ23, JK20, KG22b, KLP<sup>+20</sup>, KRR22, KSRT23, LNA21, MKČ23, NAL22, RKRF21, RCS<sup>+19</sup>, SMP22, SLZ<sup>+20</sup>, SAB22, WMA<sup>+21</sup>, ZHX<sup>+22</sup>, SFAAL22, TCL<sup>+21</sup>].  
**T** [CSM<sup>+21</sup>, LWD20, MMR<sup>+17</sup>]. **Table** [AS22]. **TAIGA** [MS17]. **TailoredCore** [GGÁARG<sup>+21</sup>]. **Target** [KHS<sup>+23</sup>].  
**Targeted** [HCP<sup>+21</sup>]. **Targeting** [And20, BWZ<sup>+21</sup>, KSRT23, FTRH20]. **Task** [APSH<sup>+22</sup>]. **tasking** [BKS22]. **TCP** [TL22].

**TCP/IP** [TL22]. **Teaching** [GVT<sup>+</sup>22, ZTC21]. **Teaching-Oriented** [GVT<sup>+</sup>22]. **Tech** [Szk21]. **Technique** [POMD22]. **Techniques** [CCA<sup>+</sup>18a, dOK23]. **Technology** [CCC<sup>+</sup>22, DCC<sup>+</sup>23, GG18, ZB19]. **TEE** [SNOT20, YXH20]. **Telemetry** [CDF<sup>+</sup>20]. **Temperature** [TLB<sup>+</sup>22]. **Tensor** [DEA<sup>+</sup>21, DtEt22]. **Teraflops/W** [SB23]. **Tesla** [TSW<sup>+</sup>23]. **Test** [AAA<sup>+</sup>21, CKK<sup>+</sup>18, DKT<sup>+</sup>23, MKM20, TH22, TTDD21]. **Testability** [AAB<sup>+</sup>23]. **Testing** [AAC<sup>+</sup>23, BHGD21, CXLL22, HGLD19, HGD20a, HGJD20, HGD20c, HTGD21, JRW<sup>+</sup>23, RHGD21, RCS<sup>+</sup>19, SML<sup>+</sup>22, WW19, WWB23, dOK23, MRGRCR<sup>+</sup>21a]. **Tests** [BFC<sup>+</sup>23, TZS<sup>+</sup>21]. **Textbook** [HH21]. **their** [WSG<sup>+</sup>21]. **Theoretic** [KA20, NDZ<sup>+</sup>21]. **Thermal** [OBB<sup>+</sup>24, VMO<sup>+</sup>22, VMO<sup>+</sup>23]. **Things** [DGA<sup>+</sup>17, SCR<sup>+</sup>17]. **Thousand** [DEA<sup>+</sup>21]. **threaded** [OCC<sup>+</sup>17]. **Threading** [BCM<sup>+</sup>21]. **Three** [ZZZ21]. **Three-stage** [ZZZ21]. **Threshold** [GST<sup>+</sup>17, UD20, WCL23]. **Throughput** [DNN23, VKG22]. **Thwarting** [BR24]. **Tiered** [DXT<sup>+</sup>18]. **Tightly** [CMV21, GKB<sup>+</sup>22, GTCS21, ZLP<sup>+</sup>15]. **Tightly-Coupled** [GKB<sup>+</sup>22, CMV21]. **tightly-integrated** [ZLP<sup>+</sup>15]. **TIGRA** [GTCS21]. **Tile** [KG22a, KG22b]. **Tile-Based** [KG22a]. **Tiles** [GCL<sup>+</sup>23]. **Time** [HSWM23, IZG22, KFGH<sup>+</sup>23, LHD<sup>+</sup>21, LHC<sup>+</sup>21, MSDM23, NNPG23, PLH<sup>+</sup>22, WBH<sup>+</sup>18, WBH<sup>+</sup>19, ZHX<sup>+</sup>22, ZHLR22, APSH<sup>+</sup>22, BB21, HCL<sup>+</sup>21, LCF23]. **Time-Memory** [ZHLR22]. **Time-Triggered** [NNPG23]. **Timer** [EHK20]. **Timescales** [KCZ<sup>+</sup>17]. **Timing** [Bis21, BWP22, GCCR21, GCR<sup>+</sup>23, LHT<sup>+</sup>21, NNPG23, UD20, VKG22, WSG<sup>+</sup>21]. **Timing-Instructions** [NNPG23]. **Tiny** [GVT<sup>+</sup>22, NBT22, BPM<sup>+</sup>21]. **Tiny-FPU** [BPM<sup>+</sup>21]. **Tissue** [AMG<sup>+</sup>20]. **TL** [MKVD23]. **TL-Verilog** [MKVD23]. **TLB** [PKN<sup>+</sup>20]. **TMR** [WW21, WWB23]. **Tolerance** [DKA<sup>+</sup>22, RMP<sup>+</sup>19, SMGS22, JS23]. **Tolerant** [BCM<sup>+</sup>21, SLZ<sup>+</sup>20, SML<sup>+</sup>22, SMMD23, SR22, SUAR23, VSD22, WW19, dOK23]. **Tool** [AMRCP21, PFD21, RBK18, MG22, SCA<sup>+</sup>22]. **Toolchain** [TZS<sup>+</sup>21]. **Tools** [DRN<sup>+</sup>23, MSJ19]. **Toolset** [HMJ22]. **TOPS** [NRB<sup>+</sup>23]. **TOPS/W** [NRB<sup>+</sup>23]. **Torus** [KG17]. **Tournament** [CSM22]. **TPM** [BCZ21b, SJS21]. **TPU** [Pat18]. **Trace** [HWG22, KGBH22, KKEG22, ZPRD22]. **tracing** [BPS<sup>+</sup>23]. **Tracking** [PDLC18, SS19, WGZ<sup>+</sup>23]. **Trade** [MTJ<sup>+</sup>22, RRC<sup>+</sup>20, ZHLR22]. **Trade-off** [MTJ<sup>+</sup>22]. **Trade-Offs** [RRC<sup>+</sup>20, ZHLR22]. **traffic** [SJYZ22]. **Training** [BPF<sup>+</sup>22, GPV<sup>+</sup>22, GTP<sup>+</sup>22, LCN<sup>+</sup>23]. **Transactions** [SLMS21]. **Transceivers** [KKH<sup>+</sup>20]. **Transducers** [FdRES23]. **Transform** [KA20, NDZ<sup>+</sup>21]. **Transformer** [JHLD21]. **Transformers** [MKB<sup>+</sup>23]. **Transient** [YLC21]. **transistor** [AFP<sup>+</sup>17]. **Transition** [TZG<sup>+</sup>23, TDH<sup>+</sup>23]. **translation** [TOYK22]. **Translator** [RSS<sup>+</sup>21]. **Transmission** [Suv21b]. **Transparently** [LKHK23]. **Transport** [Suv21a]. **Transprecision** [MSZB19]. **TriCheck** [TML<sup>+</sup>17a, TML<sup>+</sup>17b, TML<sup>+</sup>17c]. **Triggered** [NNPG23]. **Trigonometric** [GZC22, NKH<sup>+</sup>21]. **Triple** [HJ23]. **Triple-Level** [HJ23]. **Trisection** [TML<sup>+</sup>17a, TML<sup>+</sup>17b, TML<sup>+</sup>17c]. **Trojan** [DCM23, PGTD23]. **Trojan-D2** [PGTD23]. **Trojan-ing** [DCM23]. **Trojans** [ARH<sup>+</sup>22, DCM23, PGTD23]. **True** [ZNF21]. **Trust** [SJS21]. **Trusted** [AVS<sup>+</sup>22, BCZ21a, HDT<sup>+</sup>20, MCL<sup>+</sup>21, SNOT21, USQ<sup>+</sup>22]. **TrustZone** [SNOT21].

**TS** [SNOT21]. **TS-Perf** [SNOT21]. **tuning** [YCL<sup>+</sup>23]. **Tutorial** [Ano22, GG18]. **TVM** [CLC<sup>+</sup>20, YCL<sup>+</sup>23]. **Type** [BDdD19a, KK23]. **Typed** [KKK<sup>+</sup>17a, KKK<sup>+</sup>17b, KKK<sup>+</sup>17c].

**UAV** [KMB22]. **UEFI** [Zha22]. **UK** [BBdD17]. **Ultra** [ABP22, ERGK21, GRC<sup>+</sup>19, KMB22, PCL<sup>+</sup>23, TBR<sup>+</sup>22, VTS<sup>+</sup>23, ZSB20, ZWL<sup>+</sup>20, SCR<sup>+</sup>17]. **Ultra-efficient** [ZSB20]. **Ultra-Low** [ABP22, KMB22, PCL<sup>+</sup>23].

**Ultra-Low-Power** [TBR<sup>+</sup>22, ERGK21, VTS<sup>+</sup>23, ZWL<sup>+</sup>20, SCR<sup>+</sup>17].

**Ultraefficient** [ZSB21]. **Ultralow** [PPYB23]. **Ultralow-Power** [PPYB23].

**UltraScale** [dOK23, SFGB20].

**Undergraduates** [MSJ19]. **Unified** [HSE<sup>+</sup>24]. **Uniform** [HZS<sup>+</sup>19]. **Unifying** [EHK20]. **Unit** [AVS<sup>+</sup>22, AvAG21, BPF<sup>+</sup>22, CRRS22, CTSG22, GKB<sup>+</sup>22, ISM<sup>+</sup>23, LYZH20, MSZB19, MC22, MSSS23, MAS18, MST<sup>+</sup>23, PS22b, QCL<sup>+</sup>23, SMB17, ZHX<sup>+</sup>22, ZSM21, EHN23]. **Universal** [LLS22]. **Unprivileged** [WA21].

**Unprotected** [DG22, FvHC<sup>+</sup>23]. **Unum** [BDdD19b, BDdD19a]. **Updates** [SCL<sup>+</sup>21].

**Upsets** [BWZ<sup>+</sup>21]. **Usage** [LVR<sup>+</sup>20]. **use** [Szk21]. **user** [CLM<sup>+</sup>22]. **user-level**

[CLM<sup>+</sup>22]. **Using** [BDdD19a, DAKK19, FSMU21, GJC23, HCP<sup>+</sup>21, IFO<sup>+</sup>18, JZWL23, KKH<sup>+</sup>20, KGBH22, KFGH<sup>+</sup>23, KK23, LYL23, MSSS23, MAS18, POMD22, RSA<sup>+</sup>23, RMF22, SLMS21, TBK<sup>+</sup>19, VKG22, XYT<sup>+</sup>22, XYT<sup>+</sup>23, ZZB<sup>+</sup>20, AFP<sup>+</sup>17, BPS<sup>+</sup>23, BHD23, CSM22, GG18, GLS21, HGD20b, JSB20, JRW<sup>+</sup>23, KSAL21, LCCS21, LLS22, MKM20, PLSK20, SFGB20, SSD<sup>+</sup>22, WW21, ZGD22].

**Utilization** [SZHB21, ZHL<sup>+</sup>23]. **Utilizing** [JHL<sup>+</sup>21, MTT21]. **UVM** [LLS22, BMM<sup>+</sup>20, CWD<sup>+</sup>21, WTZ<sup>+</sup>20].

**V** [And20, Ano23b, BDdD19b, BFC<sup>+</sup>23,

CKTG21, Cho19, EHK20, GBP21, KFGH<sup>+</sup>23, MTAL22, PRS<sup>+</sup>15, PCW<sup>+</sup>22, TLB<sup>+</sup>22, VKG22, WY23, dOK23, ABC<sup>+</sup>20, AAA<sup>+</sup>21, ASE<sup>+</sup>21, AKMS20, AKMS21, AS22, APHD21a, APHD21b, APSH<sup>+</sup>22, AEAS21, AvAG21, AS18, AAC<sup>+</sup>23, AFP<sup>+</sup>17, ABP22, AAB<sup>+</sup>23, And20, AHB20, ABM<sup>+</sup>23, ARH<sup>+</sup>22, Ano20, Ano22, Ano23a, Ano23c, Ano23d, Ano23f, Ano23g, Ant22, AMRCP21, AMG<sup>+</sup>20, AP14, ABW<sup>+</sup>20, ABW<sup>+</sup>21, AWB<sup>+</sup>23, ADF<sup>+</sup>23, ASH19, AHV<sup>+</sup>21, AYA<sup>+</sup>23, BKS22, BBV<sup>+</sup>23, BSSW21, BSZ<sup>+</sup>21, BWZ<sup>+</sup>21, BSZ<sup>+</sup>24, BHR<sup>+</sup>18, BRH<sup>+</sup>19, BB21, BMM<sup>+</sup>20, BCM<sup>+</sup>21, BJJ23, Bar20, BFP<sup>+</sup>22, BCCM21, Ben23, BPM<sup>+</sup>21, BPF<sup>+</sup>22, BZVCB23, BBVB20, BP21, BPS<sup>+</sup>23, BWP22, BCZ21a, BCZ21b, BF23, BR24, BHGD21, BHD23, BHT<sup>+</sup>21, BGVB18, CCC<sup>+</sup>22, CIPR21, CTN18, CXLL22, CCC<sup>+</sup>19, CGG21, CG23, CDF<sup>+</sup>20, CDP<sup>+</sup>22, CRMR<sup>+</sup>23, CMV21]. **V** [CSZ<sup>+</sup>20, CV22, CPWG23, CLC<sup>+</sup>20, CXL<sup>+</sup>20a, CXL<sup>+</sup>20b, CWD<sup>+</sup>21, CLWL21, CKTK22, CYJ<sup>+</sup>22, CKTK23, CPLS23, CWS<sup>+</sup>23, CWS<sup>+</sup>24, CCA<sup>+</sup>18a, CCA<sup>+</sup>18b, Cho18, CSM22, CAL23, CKK<sup>+</sup>18, CKP19, COMP19, Cil21, CRRS21, CRRS22, CPG<sup>+</sup>23, CRP<sup>+</sup>23, CTSG22, CLW23, CSO<sup>+</sup>23, DAHK20, DHL<sup>+</sup>21, DNN23, DUM<sup>+</sup>19, DBP21, DXT<sup>+</sup>18, DBGJ19, DBGJ20, DG22, DGH19, DAPS21, DCM23, DCEJ21, DYZ<sup>+</sup>22, DPV<sup>+</sup>17, DDM<sup>+</sup>20, DPP22, DKC<sup>+</sup>21, DL17, DKT<sup>+</sup>23, DZZZ23, DCC<sup>+</sup>23, DRN<sup>+</sup>23, DXYZ19, DK23, DAK<sup>+</sup>21, DKA<sup>+</sup>22, DLMP21, DCL23, DFA<sup>+</sup>23, DRC<sup>+</sup>16, DGA<sup>+</sup>17, DWG<sup>+</sup>20, DMR<sup>+</sup>20, EAI19, EAM<sup>+</sup>22, EMMB19, EAMK21, EKAK22, EEI<sup>+</sup>18, ELG20, ETR<sup>+</sup>20, ET21, EHN23, EGBS22, FSPB21, FDS<sup>+</sup>23, FHY19, FFW20, FWZL19, FHL<sup>+</sup>22, FdRES23, FKS22, FTRH20, FGD<sup>+</sup>19, FRC<sup>+</sup>18, FvHC<sup>+</sup>23, FSMU21, FSMG<sup>+</sup>19, FSS20, FHD22, FAPHD23, FDMM22, GM21, GZ22, GZC22, GCL<sup>+</sup>23,

GMS<sup>+</sup>23, GRCRCG<sup>+</sup>20, GRC<sup>+</sup>19]. **V**  
 [GTC<sup>+</sup>20, GTC<sup>+</sup>21a, GTC<sup>+</sup>21b, GPV<sup>+</sup>22,  
 GTP<sup>+</sup>22, GGH<sup>+</sup>22, GST<sup>+</sup>17, GDR<sup>+</sup>22,  
 GXLW22, GAMG<sup>+</sup>23, Gen24, GWZS23,  
 GKB<sup>+</sup>22, dAGM23, GMK<sup>+</sup>23, GAO21,  
 GG18, GAE<sup>+</sup>23, GMV20, GMFC23,  
 GGÁARG<sup>+</sup>21, GZK<sup>+</sup>21, GPL22, GRD22,  
 GLS21, GTD<sup>+</sup>23, GVT<sup>+</sup>22, Gra16, GTCS21,  
 GRS20, GCCR21, GCR<sup>+</sup>23, GYW<sup>+</sup>23,  
 GJC23, GSDB18, HYML23, HBSE22,  
 HYWP<sup>+</sup>19, HWJ23, HJ23, HSR<sup>+</sup>23, HHB23,  
 HH21, HVW<sup>+</sup>21, HCP<sup>+</sup>21, HH22, HHTo23,  
 HK20, HYXW<sup>+</sup>22, HSL<sup>+</sup>23, HSWM23,  
 HCW23, HLHK19, HMJ22, HMJ23, HMJ24,  
 HGLD18, HGLD19, HGD<sup>+</sup>19, HGTD20,  
 HGD20a, HGJD20, HGD20b, HGD20c,  
 HTGD21, HSEKD21, HMTL21, HDT<sup>+</sup>20,  
 HHB<sup>+</sup>19, Hor20, HUL<sup>+</sup>22, HCZ21, HWG22,  
 HH23, HCL<sup>+</sup>21, HM21, IK21a, IVZV20,  
 ISM<sup>+</sup>23, ILG19, IFO<sup>+</sup>18, IK21b, IZG22,  
 JBK23, JSB20, JHL<sup>+</sup>21, JZWL23, JHLD21,  
 JRD<sup>+</sup>23, JHQ23, JRW<sup>+</sup>23, JK20, JS23,  
 KSAL21, KIS20, KIS22, KAR<sup>+</sup>19, KHG20,  
 KG22a, KG22b, KK21]. **V**  
 [KFK<sup>+</sup>19, KM21, KA20, KFS22, KSFS24,  
 KSSMRB23, KNK<sup>+</sup>21, KCZ<sup>+</sup>17, KEAS<sup>+</sup>18,  
 KKH<sup>+</sup>20, KLP<sup>+</sup>20, KS22, KKOY19, KG22c,  
 KRR22, KYDÖ21, KHH22, KAMS19,  
 KGBH22, KHS<sup>+</sup>23, KMS22, KSRT23,  
 KCGL23, KZH22, KMB22, KKEG22,  
 KCHYM19, KFGH<sup>+</sup>23, KGHRM23, KK23,  
 KKE<sup>+</sup>22, LCCS21, LRF<sup>+</sup>21, LBDPP19,  
 LHD<sup>+</sup>21, LHD<sup>+</sup>22, LF22, LWA<sup>+</sup>14,  
 LZW<sup>+</sup>15, LWC<sup>+</sup>16, LCYK20, LPB<sup>+</sup>21,  
 LHC<sup>+</sup>21, LKKK22, LCN<sup>+</sup>23, LKHK23,  
 LYZH20, LWC18, LSB22, LGB17, LHC19,  
 LWD20, LHT<sup>+</sup>21, LCG<sup>+</sup>23, LCF23, LMP23,  
 LYL23, LWLA23, LXC23, LVR<sup>+</sup>20, LNA21,  
 LPZ19, Liu21, LPL22, LHK23, LNZ<sup>+</sup>22,  
 LLS22, LVPSB<sup>+</sup>23, LZH20, LLL<sup>+</sup>21, Lu21b,  
 Lu21a, Lu22, LNB<sup>+</sup>23, LRB18, MCL<sup>+</sup>21,  
 MCL22, MLPH23, MSZB19, MKČ23,  
 MKM20, MC22, MSSS23, MMD<sup>+</sup>22a,  
 MMD<sup>+</sup>22b, MMD<sup>+</sup>22c, MSP23, MMGC20,  
 MTCL21, MLD<sup>+</sup>23, MG22, MR22, MPP21,  
 MFM<sup>+</sup>19, MTT21, MS17, MAS18, MSJ19,  
 MB16, MST<sup>+</sup>23, MZZG22, MMR<sup>+</sup>17,  
 MSR<sup>+</sup>21, MSD<sup>+</sup>22, MSDM23, uhMSI19]. **V**  
 [MKB<sup>+</sup>23, MPU<sup>+</sup>23, MKVD23, MGZ<sup>+</sup>23,  
 MRSBGR<sup>+</sup>20, MRGRCR<sup>+</sup>21a,  
 MRGRCR<sup>+</sup>21b, MRAM<sup>+</sup>23, gMCP19,  
 MDR19, MTJ<sup>+</sup>22, MRB<sup>+</sup>23, MSFK21,  
 MČB22, MMA<sup>+</sup>18, NRB<sup>+</sup>23, NRA<sup>+</sup>22,  
 NNPG23, NDZ<sup>+</sup>21, NWP<sup>+</sup>23, NAL22,  
 NHML<sup>+</sup>22, NKH<sup>+</sup>21, NBT22, NGS20,  
 NKTS23, NPA<sup>+</sup>23, NSM<sup>+</sup>23, NRLH22,  
 OPY<sup>+</sup>18, OCMP19, OCC<sup>+</sup>17, OGT<sup>+</sup>20,  
 OBSB23, OBB<sup>+</sup>24, PSS23, PDLC18, PS22a,  
 PLH<sup>+</sup>22, PKN<sup>+</sup>20, PKL21, PJJ21, PKC<sup>+</sup>20,  
 PKKK22, PCL<sup>+</sup>23, PHC<sup>+</sup>23, PAPJ<sup>+</sup>23,  
 PGTD23, PNSD20, PW17a, Pat18, PACB21,  
 PPS<sup>+</sup>19, PH18, PFD21, PCW<sup>+</sup>22, PCO<sup>+</sup>23,  
 PGW<sup>+</sup>20, PMKZ22, PPYB23, PRP<sup>+</sup>23,  
 PGZMG21, POMD22, PLSK20, PSZMM21,  
 PNG20, PS22b, PSM23, PMBA19, PNV22,  
 QCL<sup>+</sup>23, QLH21, QYZ21, QLC20, RSR21,  
 RRJ<sup>+</sup>21, RSR20, RHS<sup>+</sup>22, RKH<sup>+</sup>23,  
 RAPK23, RRC<sup>+</sup>20, RPD<sup>+</sup>15, RPSD16,  
 RSA<sup>+</sup>23, RMF22, RKRF21, RBK18,  
 RLL<sup>+</sup>21, RSS<sup>+</sup>21, RHGD21, RMP<sup>+</sup>19,  
 RK23, RMR21, RSM<sup>+</sup>23, RPA22]. **V**  
 [RZAH<sup>+</sup>19b, RZAH<sup>+</sup>19a, RFS20, RCS<sup>+</sup>19,  
 RHD<sup>+</sup>23, SGP<sup>+</sup>23, SEM19, SMP22,  
 SVM<sup>+</sup>23, SNM22, SG23, SJR<sup>+</sup>23, SUM23,  
 SNH22, SGCRCR17, SSS<sup>+</sup>22, SFAAL22,  
 SLZ<sup>+</sup>20, SLK<sup>+</sup>21, SML<sup>+</sup>22, SMMD23,  
 SSB22, SAF<sup>+</sup>23, SC17, SLBJ23, SBJ21,  
 SMB17, SAB22, SED<sup>+</sup>23, SCR<sup>+</sup>17, SSR<sup>+</sup>18,  
 SRD<sup>+</sup>21, SAW<sup>+</sup>20, SWW<sup>+</sup>21, SWW<sup>+</sup>22,  
 SZHB21, SJER23, SSD<sup>+</sup>21, Sew21, SMGS22,  
 SJM<sup>+</sup>20, SMJ21, SS19, SWWL23, SR22,  
 SUAR23, SSB<sup>+</sup>19, SCA<sup>+</sup>22, SFGB20, SB23,  
 SJYZ22, SCM<sup>+</sup>21, SPDLP<sup>+</sup>22, SLB<sup>+</sup>22,  
 SCL<sup>+</sup>21, SS22, SJBS21, SMOM19, Su20,  
 Su21, SNK22, SLCK21, Suv21a, Suv21b,  
 SNOT20, SNOT21, SLMS21, SKK<sup>+</sup>22,  
 SSD<sup>+</sup>22, Szk21, TTB22, TS20, TMR<sup>+</sup>19,  
 TBSH22, TLS22, TT22, TBS<sup>+</sup>21, TZPL21,

TH22, TZS<sup>+21</sup>, TZ22, TZG<sup>+23</sup>, TGMD20, TGMD21, TBLD23, TDPD<sup>+21</sup>, TEYK21, TYEK21, TSS<sup>+22</sup>, TGRK19, TGRK21, TGT<sup>+23</sup>, TAC<sup>+22</sup>, TSABTM20, TBR<sup>+22</sup>, TCL<sup>+21</sup>, TTDD21, TDH<sup>+23</sup>]. **V** [TBK<sup>+19</sup>, TL22, TCH23, TOYK22, TA22, USQ<sup>+22</sup>, UD18, UD20, VTS<sup>+23</sup>, VROdlT22, VMO<sup>+22</sup>, VMO<sup>+23</sup>, VSD22, VMFL23, WSMRM20, WRD<sup>+17</sup>, WWZL17, WBH<sup>+18</sup>, WT19, WZW<sup>+19</sup>, WBH<sup>+19</sup>, WTZ<sup>+20</sup>, WZW<sup>+21</sup>, WLW<sup>+21</sup>, WLY<sup>+22</sup>, WDM22, WWGW23, WWW23, WLI23, WTS21, WLA<sup>+13</sup>, WA21, WAH21, WYK21, WCGL23, WMGD23, WSUM19, WMA<sup>+21</sup>, WMR<sup>+22</sup>, WW19, WW21, WWB23, WSG<sup>+21</sup>, WSK<sup>+20</sup>, WXY<sup>+22</sup>, WHB<sup>+22</sup>, WLC22, WTY<sup>+23</sup>, WCL23, WGZ<sup>+23</sup>, XZW<sup>+22</sup>, XLZ23, XHY<sup>+20</sup>, XYT<sup>+22</sup>, XYT<sup>+23</sup>, YBR<sup>+23</sup>, YNYD23, Yan20, YLC21, YCL<sup>+23</sup>, YLT<sup>+23</sup>, YTL<sup>+23</sup>, YYM21, YTÖ21, YXH20, YLT22, YWZL22, YYP<sup>+22</sup>, ZLC19, ZB19, ZSB20, ZSB21, Zee22, ZTC21, ZPRD21, ZPRD22, ZPRD23, ZBZ<sup>+23</sup>, ZHC<sup>+18</sup>, ZZW<sup>+19</sup>, ZWL<sup>+20</sup>, ZGL<sup>+21</sup>, ZCG21, ZZZ21, ZGMD22, ZGD22, Zha22, ZHX<sup>+22</sup>, ZHLR22, ZGG23, ZZZ<sup>+23</sup>, ZCH<sup>+23</sup>, ZXXH22, ZKS<sup>+23</sup>, ZUSK23, ZZQ21, ZCH22, ZWL<sup>+23</sup>, ZSM20, ZSM21, ZS23, ZJX20, ZHL<sup>+23</sup>, ZBA<sup>+20</sup>, ZLP<sup>+15</sup>]. **V** [ZCNA16, ZLP<sup>+16</sup>, ZCNA17, ZPL<sup>+23</sup>, ZNF21, ZZL<sup>+22</sup>, ZC23, dOTB<sup>+20</sup>, dOK23]. **V/Tensor** [DEA<sup>+21</sup>, DtEt22]. **V1** [Ano23g]. **V3** [RKRF21]. **Validating** [NSM<sup>+23</sup>]. **Validation** [AAC<sup>+23</sup>, CKP19, TH22]. **Value** [TBS<sup>+21</sup>]. **variability** [TLS22]. **Variable** [BDdD19a, MAS18, RSR21, YTL<sup>+23</sup>]. **Variable-Length** [MAS18]. **Variable-Precision** [BDdD19a]. **variant** [Ano20]. **Vector** [AEAS21, AvAG21, ADF<sup>+23</sup>, CCC<sup>+22</sup>, CSZ<sup>+20</sup>, CV22, CSM<sup>+21</sup>, CXL<sup>+20a</sup>, DFA<sup>+23</sup>, ISM<sup>+23</sup>, JRD<sup>+23</sup>, JK20, KKOY19, KZH22, KFGH<sup>+23</sup>, LMP23, LPL22, MC22, MKB<sup>+23</sup>, MPU<sup>+23</sup>, PNSD20, PCW<sup>+22</sup>, PCO<sup>+23</sup>, PGZMG21, RSR21, RMF22, SAW<sup>+20</sup>, SWW<sup>+21</sup>, SWW<sup>+22</sup>, SPDLP<sup>+22</sup>, Su21, WSK<sup>+20</sup>, XHY<sup>+20</sup>, ZHC<sup>+18</sup>, ZKS<sup>+23</sup>, ZLP<sup>+16</sup>, GAE<sup>+23</sup>, GMFC23, KMS22, LWA<sup>+14</sup>, LZW<sup>+15</sup>, SCM<sup>+21</sup>, VMFL23, WWW23, ZLP<sup>+15</sup>]. **vector-dataflow** [GAE<sup>+23</sup>]. **Vector-Instruction** [ZHC<sup>+18</sup>]. **Vectorizing** [CRRS21]. **Vehicles** [CRMR<sup>+23</sup>, Ben23]. **Verification** [ASE<sup>+21</sup>, APHD21a, AAC<sup>+23</sup>, BHD23, CAL23, DDM<sup>+20</sup>, DKT<sup>+23</sup>, DMR<sup>+20</sup>, FAPHD23, GM21, HGJD20, HZS<sup>+19</sup>, IK21a, JRD<sup>+23</sup>, KHS<sup>+23</sup>, LLS22, MMA<sup>+18</sup>, OCMP19, QYZ21, RHGD21, RMR21, RCS<sup>+19</sup>, SSR<sup>+18</sup>, TML<sup>+17a</sup>, TML<sup>+17b</sup>, TML<sup>+17c</sup>, WTZ<sup>+20</sup>, WMGD23, WGZ<sup>+23</sup>, ZPRD22, ZZZ21, ZNF21, CWD<sup>+21</sup>, MRSBGR<sup>+20</sup>, ZPRD23]. **verified** [TMK<sup>+16</sup>]. **Verifying** [TZG<sup>+23</sup>]. **Verilog** [IK21a, LCCS21, MKVD23]. **Very** [QLC20]. **Veyron** [Ano23g]. **VGG** [SCM<sup>+21</sup>]. **VGG-16** [SCM<sup>+21</sup>]. **VHDL** [PMKZ22]. **via** [dAGM23]. **Vibration** [MGZ<sup>+23</sup>]. **Virtex** [SFGB20]. **Virtex-7** [SFGB20]. **Virtex-UltraScale** [SFGB20]. **Virtual** [BWP22, FHD22, HGLD18, HGLD19, HGTD20, HGD20b, ZWL<sup>+23</sup>, IEE21, IEE22, KKC<sup>+16</sup>]. **Virtualization** [DK23, MTJ<sup>+22</sup>, SMP22, SVM<sup>+23</sup>, CLM<sup>+22</sup>]. **Visible** [SLB<sup>+22</sup>, ZSM20]. **Vision** [LRF<sup>+21</sup>]. **Visual** [SED<sup>+23</sup>]. **Vitamin** [AAC<sup>+23</sup>]. **Vitamin-V** [AAC<sup>+23</sup>]. **Vitruvius** [MPU<sup>+23</sup>]. **VLSI** [LLS22, YTL<sup>+23</sup>]. **vMCU** [MST<sup>+23</sup>]. **Vmin** [ZCNA16]. **Volatile** [MTT21]. **Voltage** [AMG<sup>+20</sup>, CCA<sup>+18a</sup>, CCA<sup>+18b</sup>, WCL23]. **Volume** [WA21, WAH21]. **Vortex** [ETR<sup>+20</sup>, TEYK21, TYEK21]. **VOSySmonitoRV** [CIPR21]. **VP** [APHD21b]. **VPQC** [XHY<sup>+20</sup>]. **vs** [LGB17]. **VSDFLOW** [GG18]. **VTF** [JHLD21]. **Vulnerability** [KNK<sup>+21</sup>, GYW<sup>+23</sup>]. **Vulnerable** [AHV<sup>+21</sup>, HVW<sup>+21</sup>]. **VVT**

[AAC<sup>+</sup>23].

**W** [CRP<sup>+</sup>23, GZK<sup>+</sup>21, LWA<sup>+</sup>14, NRB<sup>+</sup>23, SB23]. **Wally** [HHTo23]. **WasmAndroid** [WWN23]. **wave** [KKH<sup>+</sup>20]. **Wearable** [EMMB19, HCL<sup>+</sup>21, LHC<sup>+</sup>21, PLH<sup>+</sup>22]. **Web** [GSDB18]. **Web-Based** [GSDB18]. **WebRISC** [MG22]. **WebRISC-V** [MG22]. **weight** [MMR<sup>+</sup>17, RSM<sup>+</sup>23]. **Western** [Ano23f]. **Wi-Fi** [WRD<sup>+</sup>17]. **Will** [Gre20]. **Win** [Gen24]. **Winograd** [WZW<sup>+</sup>21]. **Winograd-Based** [WZW<sup>+</sup>21]. **wins** [SCR<sup>+</sup>17]. **Wireless** [ABP22, KIS20]. **Without** [MMA<sup>+</sup>18, Bis21]. **Word** [QLC20]. **Work** [HWG22, Liu21]. **Work-in-Progress** [HWG22, Liu21]. **World** [WTS21]. **Writing** [MTT21].

**x264** [WWW23]. **x86** [LF22]. **XACT** [PPS<sup>+</sup>19, PH18]. **xBGAS** [WLW<sup>+</sup>21]. **Xilinx** [KAR<sup>+</sup>19, WW19]. **XpulpNN** [GTC<sup>+</sup>20, GTC<sup>+</sup>21a, GTC<sup>+</sup>21b]. **Xuantie** [CXL<sup>+</sup>20a, CXL<sup>+</sup>20b]. **Xuantie-910** [CXL<sup>+</sup>20a, CXL<sup>+</sup>20b].

**Years** [Pat18]. **YOLO** [QLH21, ZZW<sup>+</sup>19]. **Yun** [PCO<sup>+</sup>23].

**Zbb** [MR22]. **ZigZag** [CPLS23]. **ZUC** [WYK21]. **ZUC-256** [WYK21]. **Zynq** [dOK23].

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**Anders:2023:SRD**

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[BRH<sup>+</sup>19]

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[CDP+22]

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[CPG+23]

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[DAK+21]

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**Doblas:2023:SAS**

[DCC<sup>+</sup>23]

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[DWG<sup>+</sup>20]

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[EAM<sup>+</sup>22]

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[FFW20]

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[OCC<sup>+</sup>17]

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[RHD<sup>+</sup>23]

Georg Rutishauser, Robin Hunziker, Alfio Di Mauro, Sizhen Bian, Luca Benini, and Michele Magno. ColibriES: a milliwatts RISC-V based embedded system leveraging neuromorphic and neural networks hardware accelerators for low-latency closed-loop control applications. In IEEE, editor, *2023 IEEE International Symposium on Circuits and Systems (ISCAS)*, pages 1–5. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 2023. [RK23]

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[RKH<sup>+</sup>23]

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[USQ<sup>+</sup>22]

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[VMO<sup>+</sup>22]

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