

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

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Title word cross-reference

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-mm2** [LCG⁺23]. **16-nm** [BRH⁺19, RZAH⁺19b, SWW⁺22, WBH⁺18, WBH⁺19]. **16.7** [LWA⁺14]. **160mV** [TLB⁺22]. **16mm2** [GZK⁺21]. **16nm** [BHR⁺18, RZAH⁺19a, SED⁺23, SWW⁺21, WRD⁺17]. **175** [WBH⁺18, WBH⁺19]. **175-kHz**

#1 [Ano22].

19 μ W [GAE⁺23]. ² [MRGRCR⁺21b, PNSD20]. **K** [LPB⁺21]. **V_{min}** [ZCNA17].

-Boost [CPG⁺23, CRP⁺23]. **-means** [LPB⁺21].

0.37mm2 [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, PCA⁺24].

[WBH⁺18, WBH⁺19].

2 [CRP⁺23]. **2-Petaflop** [SB23]. **2-to-8b** [CRP⁺23]. **2.0** [HMJ22]. **2.5-D** [PKC⁺20]. **2.6GFLOPS** [GPV⁺22]. **2017** [BBdD17, SSB22, TZS⁺21]. **2019** [GD19, TBL19]. **2021** [IEE21]. **2022** [IEE22]. **2023** [IEE23]. **22-nm** [CSZ⁺20, ZB19]. **22.1** [CRP⁺23]. **22nm** [DCC⁺23, GAE⁺23, GZK⁺21, MSZB19, SPDLP⁺22]. **24th** [BBdD17]. **256** [WYK21]. **256-Bit** [QLC20]. **26th** [TBL19]. **28** [UD20]. **28-nm** [CCA⁺18a, SAW⁺20, WSK⁺20, WCL23, ZCNA17]. **28nm** [LZW⁺15, ZLP⁺15, ZCNA16, CCA⁺18b]. **28th** [IEE21]. **29th** [IEE22]. **2n3m5k** [WRD⁺17].

3 [CPLS23, LMP23, TLB⁺22, VMO⁺23]. **3-D** [VMO⁺23]. **3-nW** [TLB⁺22]. **30** [SB23]. **30-Teraflops** [SB23]. **30-Teraflops/W** [SB23]. **30th** [IEE23]. **32** [KFGH⁺23]. **32-Bit** [KS22, LCG⁺23, MLPH23, NHML⁺22, PMKZ22, DRC⁺16, DGA⁺17, GMV20, GSDB18, KM21, LCCS21, MCL22, MMGC20, NKH⁺21, RSR20, SFGB20, YTÖ21]. **32/64** [MG22]. **32/64-bit** [MG22]. **32I** [MRSBGR⁺20]. **32IC** [KK21]. **3D** [TEYK21, TYEK21, ZBA⁺20]. **3D-Graphics** [TEYK21, TYEK21].

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

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

6 [TBK⁺19]. **64** [LWC18]. **64-Bit** [LCG⁺23, MDPM24, MZZG22, PCO⁺23,

ZB19, CXL⁺20a, GCL⁺23, HMTL21, KCGL23, MG22, SGP⁺23, WSG⁺21]. **65-nm** [PCO⁺23]. **65nm** [CCC⁺22]. **67mm2** [GCL⁺23]. **695** [RZAH⁺19a].

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

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

910 [CXL⁺20a, CXL⁺20b].

ABI [AVS⁺22]. **Abstraction** [HZS⁺19].

Academic [ABC⁺20, DCC⁺23].

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

Accelerating

[AS18, DEA⁺21, DtEt22, DAKK19, ERGK21, GTC⁺20, TSS⁺22, ZPL⁺23, KKC⁺16].

Acceleration

[ABW⁺21, AYA⁺23, CPG⁺23, CRP⁺23, DLMP21, FSS20, KSFS24, PLSK20, SB23, Su21, VMFL23, WZW⁺21, Yan20, KMS22, SCM⁺21, WWW23]. **Accelerator** [AEAS21, ABW⁺20, AWB⁺23, BCCM21, BDdD19b, CCC⁺19, DNN23, DXT⁺18, DYZ⁺22, FHY19, GZK⁺21, Gra16, GTCS21, JZWL23, JRD⁺23, KG22b, KYDÖ21, KBBA17, KZH22, LCF23, LNA21, NKH⁺21, OBSB23, PS22a, PLH⁺22, PACB21, PGW⁺20, QLH21, RSRT19, SNH22, TT22, TBR⁺22, WLI23, WXY⁺22, YYM21, ZZG21, ZHL⁺23, DKC⁺21, RPA22, TZ22, WRD⁺17, ZPRD21, ZZW⁺19].

Accelerators

[ABM⁺23, GCL⁺23, HDT⁺20, KHG20, NHML⁺22, RHD⁺23, LWA⁺14, SFAAL22].

Access [MDR19, YWZL22]. **accessible**

[APHD22]. **Accuracy**

[CLR⁺21b, CLR⁺21a, RRC⁺20, LGB17].

Accurate

[BHT⁺21, HGTD20, HGD20b, uhMSI19].

Achieving [SZHB21]. **acoustic**

[SGCGCR17]. **Active** [PKC⁺20]. **Adaptive** [CPG⁺23, CRP⁺23, HGTD20, HGTD21, KG22a, TBR⁺22, TLB⁺22, LZW⁺15]. **ADC** [DRC⁺16]. **Address** [GAMG⁺23, HYML23, WLW⁺21]. **Adjacent** [LLL⁺21]. **AES** [TA22, WYK21, ZPRD21]. **AES-256** [WYK21]. **affordable** [MRGRCR⁺21a]. **AFTAB** [RRJ⁺21]. **Against** [GTD⁺23, KNK⁺21, DGH19, WSUM19]. **age** [HP18]. **Agile** [HSL⁺23, HCZ21, LWC⁺16, PGW⁺20, XYT⁺22, XYT⁺23]. **AGILER** [KG22a]. **AI** [CV22, CPG⁺23, CRP⁺23, FRC⁺18, GMS⁺23, LCF23, TSABTM20, Yan20, ZJX20]. **AI-extended** [GMS⁺23]. **AI-IoT** [CPG⁺23, CRP⁺23]. **Aimed** [MRAM⁺23]. **Algebra** [FTRH20]. **Algorithm** [KZH22, LWD20, LPL22, QLH21, RFS20, MRGRCR⁺21b]. **Algorithms** [ABM⁺23, dAGM23, MGZ⁺23, MÇB22, NDZ⁺21, KMS22]. **All-Digital** [RZAH⁺19a]. **Alliance** [Ano23b]. **ALU** [RTRM19, RSA⁺23]. **Always** [EMMB19]. **Always-On** [EMMB19]. **AMS** [APHD21b]. **Analog** [WBH⁺18]. **Analog/Digital** [WBH⁺18]. **Analysis** [AKMS20, AKMS21, BHR⁺18, BRH⁺19, BB21, CTSG22, DHL⁺21, DRN⁺23, HSR⁺23, HCW23, IK21a, IZG22, KNK⁺21, LNZ⁺22, LVPSB⁺23, NGS20, POMD22, PNV22, SEM19, SSS⁺22, SML⁺22, SAW⁺20, SNOT20, TZS⁺21, VMO⁺22, WBH⁺18, WBH⁺19, WY23, ZB19, BMM⁺20, KSAL21, LGB17, RPSD16, SAB24]. **Analyzing** [WSMRM20, YLC21]. **Android** [WWN23]. **ANDROMEDA** [MSR⁺21]. **ANN** [ZGMD22]. **ANN-based** [ZGMD22]. **AnnikaCore** [ZGL⁺21]. **Anomaly** [BPS⁺23, PCL⁺23, CPL⁺24]. **API** [SNOT20]. **Application** [DKT⁺23, GGÁARG⁺21, HMJ22, LCYK20, LHC⁺21, LCG⁺23, PLH⁺22, WT19, ZB19, ZKS⁺23, DL17, DAK⁺21, HH23, TSABTM20]. **Application-Class** [ZB19, DAK⁺21]. **Application-Specific** [GGÁARG⁺21, HMJ22, WT19, DL17]. **Applications** [ASE⁺21, And20, BP21, CRRS22, DNKDN⁺24, DWG⁺20, FSMU21, FDMM22, GRCRCG⁺20, GAO21, HM21, KM21, MLD⁺23, MPU⁺23, gMCP19, NBT22, OPY⁺18, PDLC18, RKH⁺23, RAPK23, RHD⁺23, SJR⁺23, SUM23, SSD⁺21, SR22, SKK⁺22, VSD22, WCGL23, ZGG23, ZXXH22, SCR⁺17, WTY⁺23, RLL⁺21]. **applied** [MRGRCR⁺21a]. **Approach** [LWC⁺16, MRB⁺23, MRB⁺24, NBT22, Suv21a, ZCH⁺23, PRP⁺23]. **Approaches** [HSEKD21]. **Approximate** [LGB17, SMOM19, VSD22]. **Approximations** [FFW20]. **Ara** [PCW⁺22, CSZ⁺20]. **Ara2** [PCA⁺24]. **Arbitrary** [AWB⁺23, JZWL23, ZZQ21]. **Architectural** [KKK⁺17a, KKK⁺17b, KKK⁺17c, MTAL22, MS17]. **Architecture** [ASH19, BP21, CPLS23, COMP19, CLW23, DBP21, DPP22, FHL⁺22, HBSE22, HYWP⁺19, HLP⁺24, HH21, HCP⁺21, HH22, HMJ24, JSB20, KHG20, KG22a, KG22b, KA20, KNK⁺21, KKH⁺20, LCCS21, LF22, LWC18, LHC19, LCW⁺24, Liu21, LNB⁺23, MKM20, MR22, MTT21, MAS18, MSJ19, MSD⁺22, MKVD23, MDR19, NRA⁺22, NGS20, PDLC18, PS22a, PKN⁺20, PKC⁺20, PW17a, PMKZ22, QYZ21, RKH⁺23, RSA⁺23, RMP⁺19, SVM⁺23, Sew21, SR22, SLB⁺22, TA22, WLY⁺22, WAH21, XHY⁺20, ZSB20, ZSB21, ZHC⁺18, ZWL⁺20, ZGL⁺21, ZZZ21, ZZZ⁺23, ZNF21, CPL⁺24, DPV⁺17, HP18, KSAL21, KHH22, Lu21a, Pat18, PRP⁺23, RPSD16, Sah23, SCM⁺21, TCL⁺21, WTY⁺23]. **Architectures** [AKMS20, DXT⁺18, ERGK21, FTRH20, IVZV20, KKK⁺17a, KKK⁺17b, KKK⁺17c, NNPG23, PACB21, SMB17, BF23, CLC⁺20, GMFC23, LF22, VMFL23]. **Area** [MPU⁺23, MDR19, PSS23, SSD⁺21]. **Area-Efficient** [MPU⁺23]. **ARITH**

[BBdD17, IEE21, IEE22, IEE23, TBL19]. **ARITH-26** [TBL19]. **Arithmetic** [BBdD17, CLR^{+21b}, CLR^{+21a}, GD19, IEE21, IEE22, IEE23, MDPM24, SJM⁺²⁰, TBL19, SJP⁺²³]. **ARM** [AMRCP21, CRRS21, EHK20, ELG20, FTRH20, IVZV20, KS22, KKE⁺²², LF22, NGS20, RFS20, SAB24, HLP⁺²⁴, RMP⁺¹⁹, SNOT21]. **Arm-A** [HLP⁺²⁴]. **ARM-RISC-V-Heterogeneous** [EHK20]. **ARM64** [TOYK22]. **Armed** [DKT⁺²³]. **Armv8** [Sew21]. **Armv8-A** [Sew21]. **Arnold** [SRD⁺²¹]. **Arrow** [AEAS21]. **ARV** [SC17]. **ASIC** [HSEKD21, HM21, KM21, NHML⁺²²]. **ASIC-FPGA** [HM21]. **ASIP** [Ant22]. **Aspects** [AAA⁺²¹]. **Assembler** [GSDB18]. **Assembly** [Bor23, Dos19, Smi24, TOYK22]. **Assessment** [GDR⁺²²]. **Assisted** [DBGJ20, ZHX⁺²², GAMG⁺²³, SMGS22]. **Associativity** [SSS⁺²²]. **AsteRISC** [SLBJ23]. **Asynchronous** [LHT⁺²¹, NSM⁺²³, SC17]. **At-Memory** [SB23]. **ATGP_RISC** [MKM20]. **ATGP_RISC-V** [MKM20]. **Atlas** [PW17a]. **Atomic** [WWL⁺²⁰]. **atrial** [HUL⁺²²]. **Attached** [CMV21]. **Attack** [DHL⁺²¹, DBP21, KNK⁺²¹, LHD⁺²¹, LHD⁺²²]. **Attacks** [AVS⁺²², DGH19, GAMG⁺²³, GWZS23, GTD⁺²³, KGBH22, TDH⁺²³, WSUM19]. **Attestation** [SMJ21]. **Augmented** [SRD⁺²¹]. **Aurora** [GMFC23, VMFL23]. **Authenticated** [DNKDN⁺²⁴]. **Authentication** [FdRES23, GLS21]. **Auto** [YCL⁺²³]. **Auto-tuning** [YCL⁺²³]. **Automated** [NSM⁺²³, WXY⁺²²]. **Automatic** [ABM⁺²³, FDS⁺²³, QYZ21, YWZL22]. **Automation** [MKM20]. **Automotive** [CSO⁺²³]. **Autonomous** [DKT⁺²³, RCS⁺¹⁹]. **Autovectorization** [AS22]. **AVR** [KKE⁺²²]. **Aware** [LHK23, MKB⁺²³, SMB17, SMOM19, LSB22]. **AXI** [EHN23]. **AXI-interconnect** [EHN23]. **AXI4** [DRC⁺¹⁶]. **AXI4-lite** [DRC⁺¹⁶]. **Axiomatic** [HLP⁺²⁴]. **AxSL** [HLP⁺²⁴].

B [KFGH⁺²³, CPG⁺²³, MZZG22]. **B-Extension** [MZZG22]. **backend** [TMK⁺¹⁶]. **Backup** [PPYB23]. **bad** [FvHC⁺²³]. **Bandits** [DKT⁺²³]. **Bandwidth** [WBH⁺¹⁸, WBH⁺¹⁹, ZZB⁺²⁰]. **Banshee** [RSS⁺²¹]. **Bao** [MP20a, MP20b]. **Baremetal** [MTAL22]. **Barrel** [ABW⁺²⁰, ABW⁺²¹]. **BARVINN** [AWB⁺²³]. **Base** [PMKZ22]. **Baseband** [IFO⁺¹⁸, MB16]. **Based** [ABC⁺²⁰, AKMS20, Ant22, AMG⁺²⁰, BFC⁺²³, BP21, BWP22, CXLL22, CDF⁺²⁰, CYJ⁺²², CPLS23, DYZ⁺²², DMR⁺²⁰, EMMB19, EEI⁺¹⁸, EGBS22, FSPB21, FDS⁺²³, GZC22, GRC⁺¹⁹, GTC^{+21b}, GXLW22, GAO21, GSDB18, HBSE22, HWJ23, HJ23, HCW23, HGLD18, HCZ21, HWG22, JHLD21, JHQ23, KAR⁺¹⁹, KHG20, KG22a, KEAS⁺¹⁸, KRR22, KZH22, LRF⁺²¹, LCYK20, LWC18, LHC19, LWD20, LCF23, LXC23, LPL22, LZH20, LLL⁺²¹, Lu22, LNB⁺²³, MCL⁺²¹, MCL22, MLPH23, MTCL21, MLD⁺²³, MST⁺²³, MSR⁺²¹, MKB⁺²³, gMCP19, MDR19, NWP⁺²³, OBB⁺²⁴, PKC⁺²⁰, PACB21, PCO⁺²³, POMD22, PNV22, QLH21, QYZ21, QLC20, RSR21, RSR20, RTRM19, RKRF21, RSS⁺²¹, RSRT19, RMR21, RHD⁺²³, SJER23, SJM⁺²⁰, SWWL23, SUAR23, SSB⁺¹⁹, SLB⁺²², Suv21a, Suv21b, TTB22, TBS⁺²¹, TBR⁺²², UD20, WT19, WZW⁺²¹, WWGW23, WCGL23, WMR⁺²², WWB23, WXY⁺²², WHB⁺²², WLC22, WGZ⁺²³, XHY⁺²⁰, YXH20]. **Based** [YYP⁺²², ZHC⁺¹⁸, ZWL⁺²⁰, ZZZ21, ZCH⁺²³, ZUSK23, ZZQ21, ZWL⁺²³, ZSM20, ZSM21, ZS23, ZCNA17, ZNF21, ZZL⁺²², ZC23, dOTB⁺²⁰, APSH⁺²², AvAG21, AFP⁺¹⁷, AS24, ASH19, BCCM21, BHT⁺²¹, CWD⁺²¹, Cil21, DBP21, DZZZ23, DRC⁺¹⁶,

DGA⁺¹⁷, EAI¹⁹, FSMG⁺¹⁹, GRCRCG⁺²⁰, GTC^{+21a}, GGH⁺²², GBP²¹, GGÁARG⁺²¹, GLS²¹, HYXW²², HSL⁺²³, HGD⁺¹⁹, HGPD²⁰, HTGD²¹, HUL⁺²², IZG²², KG^{22b}, KM²¹, KSSMRB²³, MRSBGR⁺²⁰, MRGR^{CR+21a}, MRGR^{CR+21b}, MSFK²¹, NRA⁺²², NKH⁺²¹, NBT²², RCMQO²⁴, RKH⁺²³, RLL⁺²¹, RMP⁺¹⁹, RPA²², RFS²⁰, SGCGCR¹⁷, SFAAL²², SSD⁺²¹, SJP⁺²³, SJYZ²², SCL⁺²¹, SKK⁺²², TZ²², TDPD⁺²¹, WRD⁺¹⁷, WWW²³, WW¹⁹, WW²¹, YBR⁺²³, YNYD²³, YWZL²², ZPRD²², ZZW⁺¹⁹, ZZB⁺²⁰, ZGMD²², ZHL⁺²³, CKTG²¹, IFO⁺¹⁸, KFGH⁺²³, AHB²⁰. **Basic** [BF²³]. **Basis** [HLP⁺²⁴]. **be** [AP¹⁴]. **Behaviour** [BPS⁺²³]. **Benchmark** [MRAM⁺²³]. **Benchmarking** [CGG²¹]. **Berkeley** [Ano^{23a}]. **Best** [DMR⁺²⁰, KRR²²]. **Between** [HGTD²⁰, EHN²³, IK^{21a}]. **Biasing** [CPG⁺²³, CRP⁺²³]. **Big** [MDPM²⁴]. **Big-PERCIVAL** [MDPM²⁴]. **Binaries** [HGLD¹⁹]. **Binary** [KCGL²³, KGHRM²³, RSS⁺²¹]. **Bit** [BSSW²¹, JSB²⁰, KS²², KAMS¹⁹, LCG⁺²³, MLPH²³, MDPM²⁴, MZZG²², NHML⁺²², PCO⁺²³, PMKZ²², QLC²⁰, RSR²¹, ZB¹⁹, AS²⁴, CXL^{+20a}, DRC⁺¹⁶, DGA⁺¹⁷, GCL⁺²³, GMV²⁰, GSDB¹⁸, HMTL²¹, KM²¹, KCGL²³, LCCS²¹, MCL²², MSZB¹⁹, MMGC²⁰, MG²², NKH⁺²¹, RSR²⁰, RSA⁺²³, SGP⁺²³, SFGB²⁰, WSG⁺²¹, YTÖ²¹]. **bit-interaction** [AS²⁴]. **Bit-Precision** [RSR²¹]. **Bits** [MTT²¹]. **BlackParrot** [PGW⁺²⁰]. **Blake3** [ZPL⁺²³]. **Block** [DPP²², KS²², LCN⁺²³, MCL²², SEM¹⁹]. **Blocking** [DDM⁺²⁰, JHQ²³]. **Blocks** [ZWB¹⁹]. **Board** [CDF⁺²⁰, RKH⁺²³, ZSM²¹, TZPL²¹]. **Body** [CPG⁺²³, CRP⁺²³]. **BOOM** [Ano^{23a}, BSZ⁺²¹, BSZ⁺²⁴, ZBZ⁺²³]. **BOOM-Explorer** [BSZ⁺²¹, BSZ⁺²⁴]. **Boomerang** [LHK²³]. **Boost** [CPG⁺²³, CRP⁺²³]. **Boot** [DBP²¹, GJC²³, HYWP⁺¹⁹, NRLH²², Zha²²]. **Bootable** [SGP⁺²³]. **Border** [CDW⁺²⁴]. **Both** [DMR⁺²⁰]. **Bottleneck** [KFK⁺¹⁹]. **Branch** [CSM²², SLCK²¹]. **Bratter** [PKKK²²]. **Brew** [Szk²¹]. **Buffer** [DBGJ²⁰]. **Bug** [RMR²¹]. **Build** [Szk²¹]. **Building** [ILG¹⁹, LWC⁺¹⁶, WLY⁺²², ZWB¹⁹]. **bulk** [GAE⁺²³]. **bus** [DRC⁺¹⁶]. **bus-based** [DRC⁺¹⁶]. **Byte** [ADF⁺²³, DFA⁺²³]. **C** [MRGR^{CR+21b}, DUM⁺¹⁹]. **Cache** [CKTK²², CKTK²³, CCA^{+18a}, DDM⁺²⁰, GCL⁺²³, HWJ²³, HJ²³, LHD⁺²¹, LCG⁺²³, MKB⁺²³, SSS⁺²², ZCNA¹⁷, GYW⁺²³, ZCNA¹⁶]. **Cache-Aware** [MKB⁺²³]. **Cache-Coherent** [GCL⁺²³, LCG⁺²³]. **CADENCE** [RSA⁺²³]. **CakeML** [TMK⁺¹⁶]. **Calib** [ZBZ⁺²³]. **Calibration** [KKH⁺²⁰]. **Can** [Szk²¹, PS^{22b}]. **CAN-FD** [PS^{22b}]. **CAP** [CKTG²¹]. **Capability** [GM²¹, MMD^{+22b}, MMD^{+22c}]. **Capable** [OBSB²³, CIPR²¹, VTS⁺²³]. **Capacitor** [ZLP⁺¹⁶, LZW⁺¹⁵, MSFK²¹, ZLP⁺¹⁵]. **Capturing** [TDPD⁺²¹]. **carbon** [AFP⁺¹⁷]. **CARE** [DBP²¹]. **Cars** [Ben²³]. **Case** [APSH⁺²², BHD²³, DCM²³, GYW⁺²³, HGLD¹⁹, HGJD²⁰, PGTD²³, RHGD²¹, SSR⁺¹⁸, WMGD²³, YLC²¹, AP¹⁴]. **Case-Study** [APSH⁺²², BHD²³, HGJD²⁰]. **Casting** [KK²³]. **Catalog** [HLHK¹⁹]. **CCSDS** [IVZV²⁰, KFGH⁺²³]. **Celerity** [DXT⁺¹⁸, RZAH^{+19b}]. **Center** [Ano^{23g}]. **Center-Class** [Ano^{23g}]. **Certificates** [GLS²¹]. **CFG** [LWLA²³]. **CFI** [LWLA²³, RSM⁺²³, ZPRD²²]. **CGRA** [FGD⁺¹⁹, LNA²¹]. **ChaCha** [MPP²¹]. **Challenges** [LVPSB⁺²³]. **Challenging** [NSM⁺²³]. **Changeable** [KIS²⁰]. **Channel** [DGH¹⁹, LHD⁺²¹, MTAL²², AS²⁴, Bis²¹, GYW⁺²³]. **Channels** [JHQ²³, WSG⁺²¹]. **Characteristics** [Lu^{21b}, WY²³, ZZZ⁺²³]. **Characterization** [CPWG²³, SLK⁺²¹, SMMD²³]. **Check** [TA²²]. **CHERI** [BPS⁺²³, Sew²¹].

CHERI-RISC [BPS⁺23]. **Cheshire** [OBSB23]. **China** [Ano23b]. **Chip** [DCM23, DEA⁺21, DtEt22, FSMU21, GPV⁺22, GTP⁺22, Gen24, OBB⁺24, RLL⁺21, RZAH⁺19a, TDPD⁺21, WSK⁺20, YLT22, DGA⁺17, Ano23e, CKTG21, CYJ⁺22, CRP⁺23, DNN23, HYWP⁺19, HZS⁺19, KSSMRB23, KCHYM19, LNB⁺23, MSDM23, NKH⁺21, RSR20, SLK⁺21, SML⁺22, SMMD23, SBJ21, ZNF21]. **Chiplet** [KIS20, ZSB20, ZSB21, ZGG23]. **Chips** [DXT⁺18, SG23, ZJX20]. **Chisel** [IK21a, XLZ23, ZCH⁺23]. **Chisel-Based** [ZCH⁺23]. **Choice** [HSR⁺23]. **CIFER** [LCG⁺23, ZPRD23]. **Cimone** [BFP⁺22]. **Cipher** [KS22, MCL22, TGMD21]. **Circuit** [WZW⁺19, KKC⁺16]. **Circuitry** [BBV⁺23]. **circular** [HC20]. **circular-shift** [HC20]. **CLARINET** [SJM⁺20, SJP⁺23]. **Class** [Ano23g, ZB19, DAK⁺21]. **Classes** [FAPHD23, JHQ23]. **Classic** [PGZMG21]. **Classical** [KGHRM23]. **Classification** [PLSK20]. **classifier** [SGCGCR17]. **CLIC** [MTCL21]. **Clocked** [PNV22]. **clocking** [LZW⁺15]. **Closed** [RHD⁺23]. **Closed-loop** [RHD⁺23]. **Closing** [HGD20a]. **Cloud** [CXL⁺20b, Su20, AAC⁺23, LF22]. **Cluster** [GPV⁺22, GTP⁺22, KMB22, MRB⁺23, MRB⁺24, NRB⁺23]. **Clustering** [LPB⁺21]. **Clustering-specific** [LPB⁺21]. **Clusters** [GRC⁺19]. **CMOS** [CKTK22, CKTK23, CCA⁺18a, CCA⁺18b, GAE⁺23, NWP⁺23, PCO⁺23, RZAH⁺19a, SED⁺23, WCL23]. **CNN** [GDR⁺22, HCL⁺21, LHC⁺21, LHC19, PLH⁺22, PMBA19, QLH21, SFAAL22, WLI23, WWX⁺24, WLC22, YYP⁺22, ZZG21]. **Co** [AvAG21, BPS⁺23, CPLS23, FSMG⁺19, HSL⁺23, HMJ22, Liu21, uhMSI19, POMD22, RFS20, WBH⁺18, ZWL⁺23, ZNF21, GAE⁺23, HP18, KHH22, RPD⁺15, YWZL22]. **Co-Design** [HMJ22, uhMSI19, RFS20, ZWL⁺23, ZNF21, BPS⁺23, HSL⁺23, Liu21, HP18]. **Co-Design-Based** [POMD22]. **Co-Designed** [WBH⁺18]. **Co-Processor** [CPLS23, AvAG21, GAE⁺23, KHH22, RPD⁺15, YWZL22]. **Co-Processors** [FSMG⁺19]. **Code** [GTD⁺23, HYML23, TA22, ZPRD23, TOYK22]. **Codes** [KGHRM23, TS20, WTS21]. **Coherent** [GCL⁺23, LCG⁺23]. **ColibriES** [RHD⁺23]. **Collaborative** [DYZ⁺22, YLT⁺23]. **Commercial** [CXL⁺20a, HSEKD21]. **commit** [HK20]. **Communication** [KIS20, PS22b, ZSM20, HC20, TCL⁺21]. **Communications** [RMF22]. **Compact** [DNN23, TBR⁺22, MRSBGR⁺20]. **Comparative** [CPWG23, IK21a, KSAL21, DAK⁺21]. **Comparison** [BWP22, ET21, HSEKD21, PNG20, WYK21, CRRS21, SCR⁺17]. **COMPAS** [SMGS22]. **CompaSeC** [GAMG⁺23]. **Compatible** [BBVB20, HLHK19, RKRf21, SGP⁺23, BGVB18, ETR⁺20, WRD⁺17]. **Compilation** [TZS⁺21]. **Compiler** [AS22, DCL23, GAMG⁺23, PNG20, SMGS22, WXY⁺22, TMK⁺16]. **Compiler-assisted** [GAMG⁺23, SMGS22]. **Complete** [FHL⁺22, WMR⁺22]. **Completion** [UD20]. **complexity** [NKTS23]. **Compliance** [BHGD21, HGD20a, HTGD21]. **Compliant** [KGC⁺24, PCA⁺24]. **Components** [ABC⁺20]. **Composable** [ZWB19]. **Comprehensive** [SAB24]. **compressed** [KK21]. **Compressor** [IVZV20]. **Compromising** [Bis21]. **Computation** [GFB⁺24, uhMSI19, WWX⁺24]. **Computational** [MST⁺23]. **Computations** [Ant22]. **Compute** [CKTK22, CKTK23, DAKK19, GTP⁺22, LCG⁺23, SZHB21]. **Computer** [Ano22, BBdD17, HLP⁺24, HH21, HCP⁺21, HH22, IEE21, IEE22, IEE23, KG22c, LF22, MSJ19, MKVD23, PH17, PH21, RKH⁺23, TBL19, TSW⁺23, HP18, Pat18, TZPL21]. **Computers** [BFP⁺22, KIS20, Pat17].

Computing

[BDdD19b, CSM⁺²¹, CXL^{+20b}, DYZ⁺²², FGD⁺¹⁹, FSMU21, GRC⁺¹⁹, ILG19, KBBA17, LWC18, MDPM24, MPU⁺²³, NPA⁺²³, PCW⁺²², PPyB23, SJBS21, TBSh22, WLW⁺²¹, XZW⁺²², Yan20, ZSB20, ZSB21, ZHL⁺²³, Gre20, HYXW22, SCM⁺²¹, WWL⁺²⁰, WTY⁺²³, YWZL22].

Computing-in-Memory [ZHL⁺²³].

Concolic [HGLD19]. **Conference** [GD19, IEE21, IEE22]. **Confidential**

[XZW⁺²²]. **Configurable**

[BHT⁺²¹, HGLD18, KGC⁺²⁴, KEAS⁺¹⁸, PKN⁺²⁰, RRJ⁺²¹, TGRK21, ZS23, APHD22, HYXW22, HGP20].

Configuring [FSMU21]. **Considered**

[PW17b]. **Constrained**

[APHD21a, ET21, dAGM23, JBK23, SMJ21, ZHLR22, SCL⁺²¹]. **Constraint** [FDS⁺²³].

Constraint-Based [FDS⁺²³]. **Constraints**

[LHT⁺²¹, ZPRD21]. **Construction**

[MCL⁺²¹]. **Consumption**

[MTT21, MRAM⁺²³, TDH⁺²³, ZCH22].

context [LSB22]. **context-aware** [LSB22].

Continual [RRC⁺²⁰]. **Control**

[Ant22, ABW⁺²⁰, KKH⁺²⁰, PSM23,

RLL⁺²¹, RHD⁺²³, YLT⁺²³, ZGG23,

PKKK22, Sah23, ZPRD23]. **control-flow**

[PKKK22]. **Controlled**

[AWB⁺²³, FFW20, SNH22]. **Controller**

[DNKDN⁺²⁴, EAI19, GRCRCG⁺²⁰,

MST⁺²³, MDR19, OBB⁺²⁴, Suv21a,

SKK⁺²², TL22]. **Controllers** [ZZG21].

ControlPULP [OBB⁺²⁴]. **Conversion**

[DCM23, RPD⁺¹⁵]. **Converters**

[ZLP⁺¹⁶, LZW⁺¹⁵, ZLP⁺¹⁵]. **Convolution**

[KSAL21, WZW⁺²¹, RCMQO24, TZ22].

Coprocessor [BDdD19a, CMV21, DEC⁺¹⁸,

FSMU21, HCL⁺²¹, LHC⁺²¹, LKKK22,

LYL23, MPU⁺²³, PSS23, SWWL23,

WWGW23, ZWL⁺²⁰, GBP21, PRS⁺¹⁵].

Coprocessors [CSM⁺²¹, LVR⁺²⁰].

CORDIC [NKH⁺²¹, YYM21].

CORDIC-based [NKH⁺²¹]. **Core**

[ASE⁺²¹, BBV⁺²³, BZVCB23, BP21, CXL^{+20a}, CKTK23, COMP19, DXT⁺¹⁸, EHK20, GST⁺¹⁷, GZK⁺²¹, GTD⁺²³, GCCR21, GCR⁺²³, HWJ23, HSR⁺²³, HCP⁺²¹, HM21, IK21a, KHG20, KG22a, KM21, KKOY19, KSRT23, LRF⁺²¹, LKKK22, MMD^{+22a}, MMD^{+22b}, MMD^{+22c}, MRAM⁺²³, NWP⁺²³, NKTS23, OBB⁺²⁴, PDLC18, PLH⁺²², PAPJ⁺²³, PCA⁺²⁴, PMKZ22, PS22b, PMBA19, RZAH^{+19a}, SGP⁺²³, SAF⁺²³, SLBJ23, SWW⁺²¹, SWW⁺²², SR22, SUAR23, SFGB20, SKK⁺²², TGRK19, TGRK21, VSD22, WLI23, WSG⁺²¹, WSK⁺²⁰, WLC22, YLC21, YTO²¹, ZB19, ZSB21, dOTB⁺²⁰, BCM⁺²¹, CKTK22, CYJ⁺²², DAKK19, EHN23, FvHC⁺²³, GG18, HMTL21, Lu21b, MRSBGR⁺²⁰, SJYZ22, TH22, WRD⁺¹⁷, WTY⁺²³, ZSB20, ZPRD21, ZPRD23, HHTo23]. **core-based** [SJYZ22]. **CORE-V** [HHTo23]. **Cores** [ARH⁺²², BPM⁺²¹, BPF⁺²², CSM⁺²¹, Cho18, Cho19, ET21, FSPB21, FGD⁺¹⁹, GMS⁺²³, GGÁARG⁺²¹, GRD22, HHB⁺¹⁹, JHL⁺²¹, JS23, KIS22, KG22c, LCG⁺²³, MLPH23, NPA⁺²³, OCMP19, OCC⁺¹⁷, SSR⁺¹⁸, SZHB21, SB23, Bar20, SBJ21, SCR⁺¹⁷]. **Core** [Ano23f]. **Correction** [Cho19, KFGH⁺²³, KGHRM23, UD20, ZC23]. **Correlation** [DHL⁺²¹]. **Corruption** [BR24, CDW⁺²⁴]. **Cost** [BPM⁺²¹, DCL23, RKH⁺²³, RMR21, SG23, SLZ⁺²⁰, ZB19, ZG22, HWG22, RAPK23]. **Cost-effective** [ZG22]. **COTS** [dOK23]. **Countermeasure** [DHL⁺²¹, GAMG⁺²³]. **Countermeasures** [GTD⁺²³, LBDPP19]. **Counters** [DRN⁺²³]. **Coupled** [GKB⁺²², CMV21, JZWL23]. **Course** [LLS22]. **Coverage** [AKMS21]. **Covert** [MTAL22]. **Coyote** [PFD21]. **CPA** [TDH⁺²³]. **CPK** [ZS23]. **CPU** [AWB⁺²³, CWD⁺²¹, COMP19, GG18, IZG22, LKKK22, MCL22, MKC²³, MTAL22, MS17, Pat18, RKRF21, SNH22, SSB22,

Szk21, WLC22, ZZZ21]. **CPU(R)** [TZS⁺21]. **CPUs** [CPWG23, GWZS23, HWJ23, JRW⁺23]. **Critic** [RBK18]. **Critical** [MKC23, RLL⁺21, SKK⁺22, WMA⁺21]. **criticality** [CIPR21]. **Cross** [HGJD20, VOK⁺22, WWN23, APHD22]. **Cross-layer** [VOK⁺22]. **Cross-Level** [HGJD20, APHD22]. **Cross-Platform** [WWN23]. **Crypto** [RFS20]. **Cryptographic** [Bis21, DHL⁺21, HDT⁺20, MLPH23, MCB22, SNK22, TDH⁺23, ZWL⁺23]. **Cryptography** [dAGM23, KGHM23, LKKK22, NDZ⁺21, NHML⁺22, TGMD20, XHY⁺20, ZKS⁺23]. **Cryptoprocessor** [HBSE22, ZHC⁺18]. **Cryptosystem** [PGZMG21]. **CRYSTALS** [GJC23, NDZ⁺21]. **CRYSTALS-Dilithium** [GJC23]. **CSR** [BHGD21]. **Current** [AMG⁺20, HCW23]. **Custom** [CWS⁺24, DFA⁺23, HHB23, LHC19, LMP23, MRB⁺23, MRB⁺24, NKH⁺21, SNH22, Su21, WWX⁺24, PKL21, PJL21]. **Customizable** [SCM⁺21]. **Customized** [WZW⁺21, EHN23]. **Customizing** [MMD⁺22a]. **CV32A6** [HH23]. **CVA6** [MMD⁺22a, MTAL22, SVM⁺23]. **Cyber** [APHD21b, Ano22]. **Cyber-Physical** [APHD21b]. **Cyber-Security** [Ano22]. **Cycle** [GGH⁺22, uhMSI19, ZNF21, DPV⁺17, UD18]. **Cycle-Accurate** [uhMSI19]. **Cycle-True** [ZNF21].

D [PKC⁺20, VMO⁺23]. **D2** [PGTD23]. **DARKSIDE** [GTP⁺22, GPV⁺22]. **Data** [Ano23g, DAKK19, FHL⁺22, GLS21, KRR22, KGBH22, KK23, LWC18, LVPSB⁺23, RKRF21, Su21, TBS⁺21, ZHL⁺23, RPD⁺15, ZZB⁺20]. **Data-Flow** [FHL⁺22]. **dataflow** [GAE⁺23, YWZL22]. **Datapath** [HMJ24]. **Datapaths** [VROdIT22]. **Day** [CPL⁺24]. **DBPS** [LCN⁺23]. **DC** [LZW⁺15, WCL23, ZLP⁺15, ZLP⁺16]. **DC-DC** [LZW⁺15, ZLP⁺15]. **DCLS** [NKTS23]. **DCT** [HHB23]. **De-RISC** [WMA⁺21, WMR⁺22]. **Deblocking** [AS18]. **Debug** [LKHK23]. **Debugger** [RSR20]. **DECADES** [GCL⁺23]. **Decentralized** [GLS21, NBT22, SLMS21]. **Decimal** [uhMSI19]. **Decoder** [KFGH⁺23, SUAR23]. **Decoupled** [Ant22, MPU⁺23]. **Decryption** [AYA⁺23]. **dedicated** [BMM⁺20]. **Deep** [ABW⁺21, CRRS22, FHY19, HSL⁺23, KSAL21, SLCK21, TBR⁺22, CRRS21, RCMQO24]. **Deeply** [JZWL23, QCL⁺23]. **Deeply-coupled** [JZWL23]. **Deflection** [KG17]. **Deflection-Routed** [KG17]. **delay** [LSB22]. **delegated** [CLM⁺22]. **Demonstrating** [PKL21]. **Dependable** [MSDM23, NPA⁺23]. **Deployment** [BCCM21]. **Depth** [KNK⁺21]. **Design** [BSZ⁺21, BSZ⁺24, CWD⁺21, CPLS23, Chi23, Chi24, CTSG22, DXT⁺18, DYZ⁺22, DZZZ23, FHD22, GZ22, GMS⁺23, GGH⁺22, GBP21, GXLW22, GKB⁺22, GMV20, GRD22, HWJ23, HSR⁺23, HH21, HH22, HYXW22, HSWM23, HMJ22, HGD⁺19, IK21a, KM21, LHC19, LCF23, LYL23, LHK23, LLS22, LZH20, LLL⁺21, Lu22, MCL22, MLPH23, MSSS23, MZZG22, uhMSI19, Mis22, NKTS23, NSM⁺23, NRLH22, OPY⁺18, OCMP19, PDL21, PKC⁺20, PAPJ⁺23, PGTD23, PH17, PH21, PCW⁺22, POMD22, PSZMM21, PNV22, QLC20, RSA⁺23, RFS20, RCS⁺19, SGP⁺23, SVM⁺23, SLBJ23, SJER23, SWWL23, SSB⁺19, SFGB20, SS22, TMR⁺19, TGT⁺23, WLY⁺22, WWGW23, WTY⁺23, YBR⁺23, YNYD23, YLT⁺23, YTÖ21, ZTC21, ZHC⁺18, ZWB19, ZGL⁺21, ZZZ21, ZGG23, ZZQ21, ZWL⁺23, ZNF21, BMM⁺20, BCM⁺21, Bar20, BPS⁺23, HSL⁺23, HP18, LF22, Liu21, RPSD16, SJYZ22]. **Designed** [Ano22, MMGC20, QLH21, WBH⁺18, DDM⁺20, ZZW⁺19]. **Designing** [CSM⁺21, KGC⁺24, MSJ19, Chi23].

Designs [CPWG23]. **Detection** [GKB⁺22, HSWM23, HUL⁺22, HCL⁺21, LRF⁺21, LHD⁺21, LHC⁺21, LCF23, LXC23, PCL⁺23, PGTD23, UD20, CPL⁺24, KSAL21, LHD⁺22, SJYZ22, ZZW⁺19]. **Detection-Based** [UD20]. **Developing** [JHL⁺21, PCL⁺23, PHC⁺23, TSABTM20, XYT⁺22, XYT⁺23]. **Development** [And20, CRMR⁺23, CPL⁺24, EHN23, HCW23, SNM22, Suv21a, SKK⁺22, ZCH⁺23, Bar20, PKL21]. **Developments** [AAB⁺23]. **Device** [Lu21b, SB23, WHB⁺22]. **Devices** [ASH19, CWS⁺24, GST⁺17, HCL⁺21, JBK23, MRAM⁺23, MTJ⁺22, NPA⁺23, SMJ21, CTN18, EHN23, SCL⁺21]. **DFT** [ZCH⁺23]. **Diagnostic** [MGZ⁺23]. **Differences** [Cho18, Cho19]. **Different** [AKMS21, KIS22]. **Digit** [HSE⁺24]. **Digital** [CCC⁺19, GLS21, GJC23, HH21, HH22, HSEKD21, RZAH⁺19a, KSSMRB23, TCL⁺21, Ano23f, WBH⁺18]. **Dilemma** [HCW23]. **Dilithium** [GJC23]. **Direct** [JRW⁺23, MDR19]. **Directional** [KG17]. **Disassembler** [GSDB18]. **Discussion** [APHD21a]. **dispatch** [HK20, KKC⁺16]. **DIV** [LGB17]. **Division** [HSE⁺24]. **DNA** [WHB⁺22]. **DNN** [AWB⁺23, ADF⁺23, CTN18, CPG⁺23, CRP⁺23, GPV⁺22, GTP⁺22, HM21, KSAL21, LCN⁺23, OGT⁺20, WXY⁺22]. **DOJO** [TSW⁺23]. **Domain** [HP18, OBSB23, XHY⁺20, ZXXH22, Pat18]. **Domain-Specific** [OBSB23, XHY⁺20, ZXXH22, HP18, Pat18]. **Domains** [DMR⁺20]. **Domestic** [WLC22]. **Dot** [KBBA17]. **double** [LWA⁺14]. **double-precision** [LWA⁺14]. **Driven** [DWG⁺20, MRB⁺23, MRB⁺24, FHD22, LKHK23, RCS⁺19, gMCP19]. **Drones** [Ben23]. **Drop** [HLHK19, YLT22]. **Drop-In** [HLHK19]. **DSP** [GST⁺17, LWD20, LYL23, Su21]. **Dual** [CYJ⁺22, HMTL21, KSRT23, SUAR23, WSK⁺20, EHN23, GMV20, NKTS23]. **Dual-Core** [SUAR23, WSK⁺20, CYJ⁺22, HMTL21, EHN23]. **Dual-Issue** [KSRT23]. **dummy** [LSB22]. **DuVisor** [CLM⁺22]. **DVFS** [TBK⁺19, TLS22]. **DVINO** [CCC⁺22]. **Dynamic** [BDdD19a, CMV21, CKTG21, DHL⁺21, KCGL23, LCN⁺23, PDLC18, TBK⁺19, TCH23, WW21, ZWL⁺20, PRP⁺23]. **Dynamically** [QLC20]. **E203** [SJYZ22]. **Early** [HGLD19, LNZ⁺22, ZGD22]. **ECG** [HUL⁺22]. **Ecosystem** [AAA⁺21, EAM⁺22, uhMSI19, PNG20, TZPL21]. **ECU** [ZS23]. **ECUs** [CTSG22, CSO⁺23]. **EDA** [GG18]. **Edge** [AYA⁺23, CSM⁺21, CXL⁺20b, FRC⁺18, FSMU21, GPV⁺22, GTP⁺22, HSR⁺23, LCF23, MST⁺23, MTJ⁺22, NPA⁺23, OGT⁺20, RRC⁺20, Su20, TTB22, WWX⁺24, WCGL23, Yan20, GRC⁺19, SCM⁺21, WTY⁺23, Raj21, CV22]. **Edge-AI** [CV22]. **Edge-Computing** [CSM⁺21]. **Edition** [HH22]. **Education** [HCP⁺21, MSJ19, MKVD23, APHD22]. **Educational** [SUM23]. **EEG** [LCF23]. **EEG-based** [LCF23]. **Effect** [AKMS20, CLWL21, RCK⁺24]. **effective** [ZG22]. **Effects** [Cho18, Cho19, TAC⁺22, dOTB⁺20]. **Efficiency** [CPWG23, CLR⁺21b, CLR⁺21a, dAGM23, MAS18, LGB17, SAB24, WWZL17]. **Efficient** [AHB20, BZVCB23, CSZ⁺20, DFA⁺23, DWG⁺20, EGBS22, GTC⁺21a, GTC⁺21b, HMJ24, HGJD20, IK21b, KIS22, KSRT23, LCN⁺23, MLD⁺23, MKB⁺23, MPU⁺23, PCW⁺22, PCA⁺24, RFS20, SNH22, SUAR23, TBSh22, ZZZ⁺23, ZKS⁺23, CSM22, EHN23, HUL⁺22, HCL⁺21, ZSB20]. **eFPGA** [GCL⁺23, LCG⁺23, SRD⁺21]. **eFPGA-Augmented** [SRD⁺21]. **EHE** [EGBS22]. **Eight** [CKTK23, SWW⁺21, SWW⁺22].

Eight-Core[CKTK23, SWW⁺²¹, SWW⁺²²].**Electronics** [SKK⁺²²]. **Elementary**[CWS⁺²⁴]. **elevate** [TZPL21]. **Embedded**

[AvAG21, BCCM21, DBGJ19, DBGJ20,

DK23, FSMU21, dAGM23, HGLD19,

HWG22, JK20, KLP⁺²⁰, KKOY19, KSRT23,

LKHK23, MSP23, MTCL21, MZZG22,

RAPK23, RHD⁺²³, SMP22, SG23, SUM23,SAB22, SLB⁺²², TL22, WLI23, ZG21,ZGMD22, ZGD22, ZHX⁺²², Ano20,DZZZ23, GAE⁺²³, KKC⁺¹⁶, MP20a,MP20b, SFAAL22, ZJX20, ZG22]. **Emission**[SG23]. **Emoji** [BJN23]. **Emotion** [LCF23].**Empiricism** [SJM⁺²⁰, SJP⁺²³]. **EMS**[GG18]. **emulated** [MRGRCR^{+21b}].**Emulates** [LKHK23]. **Emulation**[CRMR⁺²³, KEAS⁺¹⁸, OBB⁺²⁴, PPYB23,ZZB⁺²⁰, ZUSK23]. **Emulator** [LRB18].**En/Decryption** [AYA⁺²³]. **Enable**[PFD21]. **Enabled**[TGRK19, TGRK21, SJP⁺²³]. **Enabling**[CKTG21, FSMU21, GTC^{+21a}, GTC^{+21b},MS17]. **Enclave** [SJBS21]. **Encoder**[KKEG22, ZPRD22, WWW23]. **Encryption**[AYA⁺²³, Cil21, FdRES23, Lu22, PS22a,YXH20]. **End** [CPG⁺²³, GM21, GTC^{+21a},GTC^{+21b}, KHS⁺²³, SRD⁺²¹]. **End-Node**[CPG⁺²³]. **End-to-End** [GM21, KHS⁺²³].**Endpoint** [CWS⁺²⁴, GST⁺¹⁷]. **Energy**[CSZ⁺²⁰, CPWG23, DWG⁺²⁰, ET21,FGD⁺¹⁹, GTC^{+21a}, GTC^{+21b}, HMJ24,HCL⁺²¹, KIS22, KSRT23, MTT21,MKB⁺²³, MRAM⁺²³, SNH22, WT19, ZB19,SAB24, WWZL17]. **Energy-Efficient**[CSZ⁺²⁰, DWG⁺²⁰, HMJ24, KIS22,KSRT23, MKB⁺²³, SNH22, HCL⁺²¹].**Enforcement** [FHL⁺²²]. **Engine**[ERGK21, YXH20]. **Engineering** [Sew21].**enhanced** [HP18]. **Enhancement** [KK23].**Enhancing** [ZKS⁺²³]. **entropy** [SNM22].**Environment** [BCZ21a, HDT⁺²⁰, KHS⁺²³,MCL⁺²¹, NSM⁺²³, OCOMP19, SNK22,SNOT21, BMM⁺²⁰]. **Environments**[AVS⁺²², SMMD23, SGCRCR17]. **Epilepsy**[HSWM23, HCL⁺²¹, LHC⁺²¹]. **Error**[Cho18, Cho19, DXYZ19, GDR⁺²², GKB⁺²²,KFGH⁺²³, KGHRM23, LNZ⁺²², SJER23,

UD20, VSD22, WCL23, YLC21, ZC23].

Error-Correction [KFGH⁺²³, KGHRM23].**Error-Resilient** [WCL23]. **Error-Tolerant**[VSD22]. **Errors** [ARH⁺²², FKS22].**Esperanto** [DEA⁺²¹, DtEt22].**Establishment** [DNKDN⁺²⁴]. **Estimation**[KMB22, ZGMD22, ZGD22]. **ET-SoC-1**[DEA⁺²¹, DtEt22]. **ETC** [ZSM21].**Ethereum** [GLS21, SLMS21]. **Ethernet**[CRMR⁺²³]. **Ethical** [HSR⁺²³]. **Europe**[AAC⁺²³]. **European** [FDMM22].**Evaluate** [VOK⁺²²]. **Evaluating** [IVZV20,KCGL23, MAS18, MTJ⁺²², RZAH^{+19b},SNK22, dOTB⁺²⁰, dOK23, GYW⁺²³].**Evaluation** [AS22, APHD21a, APHD21b,

AMRCP21, BSSW21, CG23, DAPS21,

DDM⁺²⁰, FTRH20, FHD22, GMFC23,HJ23, HLHK19, HGD20b, HHB⁺¹⁹, ISM⁺²³,

JBK23, JS23, KIS22, uhMSI19, MCB22,

PPYB23, SSB22, TMR⁺¹⁹, ZZZ⁺²³, AS24,FKS22, HGTD21, VMFL23]. **Even** [Szk21].**Event** [BWZ⁺²¹, CLWL21, EGBS22,MST⁺²³, MRB⁺²³, MRB⁺²⁴, Suv21b].**Event-Based** [MST⁺²³]. **Event-Driven**[MRB⁺²³, MRB⁺²⁴]. **Everyone** [RBK18].**Exa** [TSW⁺²³]. **Exa-Scale** [TSW⁺²³].**Exact** [KBBA17]. **Executed** [ZPRD23].**Execution** [AVS⁺²², BCZ21a, BHD23,CDW⁺²⁴, GZ22, GCCR21, GCR⁺²³,HDT⁺²⁰, IZG22, MCL⁺²¹, MAS18,SNOT21, TZG⁺²³, ZHX⁺²²].**Experimental** [FKS22]. **Experiments**[CLC⁺²⁰, CRRS21]. **exploiting**[TLS22, ZNF21]. **Exploration** [BSZ⁺²¹,BSZ⁺²⁴, GRD22, HJ23, KG22c, LHK23,MSR⁺²¹, SVM⁺²³, SLBJ23, TAC⁺²²].**Explorer** [BSZ⁺²¹, BSZ⁺²⁴]. **Exploring**[CMV21, Lu21b, MDPM24, PCA⁺²⁴,

PGZMG21, RBK18, SG23, PJJ21].

Exposed [HMJ24]. **Exposing** [TBS⁺²¹].

ExSdotp [BPF⁺22]. **Extend** [WZW⁺19]. **Extended** [GM21, GFB⁺24, JHLD21, KK23, MR22, SED⁺23, TCL⁺21, WLI23, AS24, GMS⁺23, HXW22]. **Extending** [AS18, AHB20, FSS20, PS22b, PMBA19, TEYK21, TYEK21, VROdlT22, ZPRD21]. **Extensible** [HGLD18, HGPD20]. **Extension** [ABP22, AHV⁺21, BKdLSGL23, BPF⁺22, CLC⁺20, CXL⁺20a, DAHK20, DCL23, GZC22, GFB⁺24, HVW⁺21, HCZ21, ISM⁺23, JSB20, JZWL23, KA20, KKOY19, KZH22, KFGH⁺23, KGHRM23, MCL⁺21, MC22, MTCL21, MZZG22, NDZ⁺21, PPS⁺19, PGZMG21, PSM23, RSR21, RMF22, SZHB21, TGMD20, TGMD21, WWL⁺20, WLW⁺21, WY23, YCL⁺23, ZHC⁺18, ZXXH22, ZKS⁺23, MB16, PKKK22, TZ22, VMFL23]. **Extensions** [CLW23, DBGJ19, FHD22, GTC⁺20, GST⁺17, dAGM23, GMK⁺23, KAMS19, LCN⁺23, LMP23, SPDLP⁺22, Su21, SNK22, YYP⁺22, MMR⁺17, TMR⁺19, ZJX20]. **Extraction** [GTD⁺23, LWLA23]. **Extreme** [GPV⁺22, GTP⁺22, OGT⁺20, RRC⁺20, TTB22, SCM⁺21]. **Extreme-Edge** [GPV⁺22, GTP⁺22, OGT⁺20, RRC⁺20, SCM⁺21].

Fabric [DXT⁺18]. **Factors** [TDH⁺23]. **Fail** [TDPD⁺21]. **Fail-Reason** [TDPD⁺21]. **Families** [FDS⁺23]. **Fast** [BHT⁺21, DXT⁺18, HGTD20, HGD20b, MTCL21, MGZ⁺23, MMA⁺18, PLSK20, RSS⁺21, KHH22, WWZL17]. **faster** [CRRS21]. **Fault** [AKMS20, AMRCP21, BWZ⁺21, BMM⁺20, BCM⁺21, DKA⁺22, ELG20, GAMG⁺23, KNK⁺21, LBDPP19, gMCP19, POMD22, RMP⁺19, SLZ⁺20, SML⁺22, SMMD23, SMGS22, SR22, SUAR23, TAC⁺22, WW19, WW21, dOK23, JS23]. **Fault-Safe** [gMCP19]. **Fault-Tolerance** [RMP⁺19]. **Fault-Tolerant** [SLZ⁺20, SML⁺22, SMMD23, SR22, SUAR23, dOK23]. **Faults** [YLC21]. **Faulty** [AVS⁺22]. **FD** [CSZ⁺20, KCZ⁺17, MSZB19, PS22b, SAW⁺20, SPDLP⁺22, WSK⁺20]. **FD-SOI** [CSZ⁺20, KCZ⁺17, MSZB19, SAW⁺20, SPDLP⁺22, WSK⁺20]. **FDSOI** [DCC⁺23, UD18, UD20, ZB19, ZLP⁺15, ZLP⁺16]. **features** [MS17]. **Featuring** [GCR⁺23, DGA⁺17]. **FemtoRV32** [NWP⁺23]. **FFT** [JZWL23, VMFL23, WRD⁺17, ZZQ21]. **Fi** [WRD⁺17]. **fibrillation** [HUL⁺22]. **Field** [KGHRM23]. **Files** [Ano21]. **Filter** [AS18]. **Fine** [NRB⁺23, RSM⁺23, SAW⁺20, WSK⁺20, NKTS23]. **Fine-Grain** [NRB⁺23, WSK⁺20]. **Fine-Grained** [SAW⁺20, RSM⁺23, NKTS23]. **FinFET** [BHR⁺18, BRH⁺19, GCL⁺23, GZK⁺21, HMTL21, SWW⁺21, SWW⁺22, WRD⁺17, WBH⁺18, WBH⁺19, GAE⁺23]. **FIRECAP** [TDPD⁺21]. **FireSim** [FHY19]. **Firmware** [HGD⁺19, BCZ21b]. **First** [BFP⁺22, Gen24, SMP22, WMA⁺21]. **Five** [PMKZ22, CSM22]. **Five-Stage** [PMKZ22]. **Fixed** [Liu21, YCL⁺23, ZG22]. **Fixed-point** [Liu21, YCL⁺23, ZG22]. **FIXER** [DBGJ19]. **Flash** [BFC⁺23]. **Flash-Based** [BFC⁺23]. **FlexBex** [DAHK20]. **Flexible** [GTC⁺21a, GTC⁺21b, KKH⁺20, RSR20, SRD⁺21, Su21, DKC⁺21]. **Flip** [BWZ⁺21]. **Flip-Flops** [BWZ⁺21]. **Floating** [Ano20, BPM⁺21, CSZ⁺20, GFB⁺24, MSZB19, PSS23, PCO⁺23, SEG20, ZSB20, ZSB21, PRS⁺15, YWZL22, BDdD19b]. **Floating-Point** [Ano20, BPM⁺21, CSZ⁺20, MSZB19, PSS23, PCO⁺23, SEG20, ZSB21, ZSB20, YWZL22, BDdD19b]. **flop** [MSZB19]. **Flops** [BWZ⁺21]. **Florian** [PHC⁺23]. **Flow** [Ant22, DBGJ19, FHL⁺22, KMB22, PDLC18, PKC⁺20, SS19, SSB⁺19, WGZ⁺23, ZPRD23, MRSBGR⁺20, PKKK22, Sah23, SJYZ22]. **FMA** [QCL⁺23]. **Forecasting** [CDF⁺20]. **Forest** [TTB22]. **Forest-Based** [TTB22]. **Formal**

[CAL23, DMR⁺20, FAPHD23, GM21, Sew21, TBLD23, TAC⁺22, WMGD23, XLZ23]. **forward** [PKKK22]. **Four** [GZ22, LCG⁺23]. **Four-Stage** [GZ22]. **FP16** [TBR⁺22].

FPGA
 [APSH⁺22, BCCM21, CMV21, CKTG21, Cil21, DPV⁺17, DDM⁺20, DXYZ19, EAI19, FvHC⁺23, GAO21, GMV20, Gra16, GSDB18, HHB23, HCP⁺21, HSWM23, HM21, IFO⁺18, JSB20, KHG20, KG22b, KFGH⁺23, LCYK20, LCF23, MCL22, MLPH23, MFM⁺19, MSJ19, MSR⁺21, NHML⁺22, OBB⁺24, PLSK20, PSZMM21, QLC20, SUM23, SSB⁺19, SSD⁺22, TLS22, WSMRM20, WHB⁺22, WLC22, YLT⁺23, ZUSK23, ZCH22, ZC23, dOTB⁺20, dOK23].

FPGA-Based
 [CKTG21, IFO⁺18, KFGH⁺23, OBB⁺24, ZUSK23, APSH⁺22, Cil21, KG22b].

FPGA-Optimized [MFM⁺19]. **FPGAs** [BFC⁺23, HHB⁺19, KAR⁺19, KG17, MAS18, RTRM19, WW19, WW21, WWB23, ZZB⁺20]. **FPU** [BPM⁺21, KGC⁺24, PHC⁺23]. **Framework** [BSZ⁺21, DKA⁺22, EEI⁺18, GMS⁺23, KEAS⁺18, LKHK23, LNA21, LHK23, MSJ19, MSR⁺21, NRA⁺22, SSR⁺18, SJM⁺20, SSD⁺22, ZBZ⁺23, ZNF21, APHD22, BCZ21a, MS17, MRGRCR⁺21a, SJP⁺23, SCL⁺21]. **frameworks** [KSAL21]. **Fraud** [GLS21]. **Free** [DPP22, AP14]. **FreeBSD** [Hor20]. **FreeBSD/RISC** [Hor20]. **FreeBSD/RISC-V** [Hor20]. **Freedom** [Ano21]. **Frequency** [DHL⁺21]. **Frequent** [MTT21]. **FrodoKEM** [KFS22]. **fruit** [KSAL21]. **Full** [BHT⁺21, SZHB21, Sew21]. **Full-Platform** [BHT⁺21]. **Full-scale** [Sew21]. **Fully** [HC20, PS22a, WCL23, ZHL⁺23, Ano20]. **Fully-Homomorphic** [PS22a]. **Fully-Parallel** [ZHL⁺23]. **Function** [GZC22]. **Functional** [ASE⁺21, JRD⁺23, LPZ19, YLC21, MRSBGR⁺20, SC17]. **Functions** [BKdLSGL23, CWS⁺24, LMP23].

future [AAC⁺23, TCL⁺21]. **Fuzzerfly** [RCK⁺24]. **Fuzzing** [RCK⁺24].

Galois [KGHRM23]. **GaN** [RLL⁺21]. **GaN-Applications** [RLL⁺21]. **Gap** [BB21, HGD20a, HM21, FRC⁺18]. **GAP-8** [FRC⁺18]. **Gateway** [CXLL22]. **Gateways** [RRJ⁺21]. **gem5** [RSRT19]. **GEMM** [RCMQO24]. **GEMM-based** [RCMQO24]. **General** [SNOT21, MRGRCR⁺21b, TZ22]. **general-purpose** [TZ22]. **Generated** [BHR⁺18, SBJ21]. **Generating** [EEI⁺18, GGÁARG⁺21, SBJ21]. **Generation** [BFP⁺22, FSPB21, FDS⁺23, GLS21, GD19, LNA21, LPZ19, TH22, TBLD23, Ben23, CSO⁺23]. **Generator** [Ano23e, Ant22, BRH⁺19, CKK⁺18, MKM20, TS20, TTDD21, WTS21, LSB22, SBJ21]. **Generic** [GTCS21, OPY⁺18, RKH⁺23]. **Genome** [LVPSB⁺23]. **Genotype** [MRB⁺23, MRB⁺24]. **Gesture** [ZWL⁺20]. **Getting** [Hor20]. **GFLOPS** [LWA⁺14]. **GFLOPS/W** [LWA⁺14]. **GHz** [CSZ⁺20, RZAH⁺19a, SWW⁺22, SPDLP⁺22, WBH⁺18, WBH⁺19, ZB19]. **Giga** [GCL⁺23, RZAH⁺19a, RZAH⁺19b]. **Giga-RISC-V** [RZAH⁺19b]. **Global** [WLW⁺21]. **GlobalPlatform** [SNOT20]. **Go** [SC17]. **GoblinCore** [LWC18]. **GoblinCore-64** [LWC18]. **golden** [HP18]. **GOPS** [GZK⁺21]. **GOPS/W** [GZK⁺21]. **GOST** [DNN23]. **GOST-28147-89** [DNN23]. **GPC** [LNB⁺23]. **GPGCN** [TZ22]. **GPGPU** [ETR⁺20, TEYK21, TYEK21]. **GPUs** [TSS⁺22]. **Grade** [WMA⁺21, WMR⁺22]. **Grain** [NRB⁺23, VROdit22, WSK⁺20]. **Grained** [SAW⁺20, NKTS23, RSM⁺23]. **granularity** [HYXW22]. **Graph** [DYZ⁺22, Sah23, TZ22]. **Graphic** [TSS⁺22]. **Graphics** [TEYK21, WY23, TYEK21, ZJX20]. **Grid** [CYJ⁺22, SLMS21, TS20, WTS21]. **GRVI** [Gra16]. **GVSoc** [BHT⁺21].

H.265 [AS18]. **H.265/HEVC** [AS18].
HAMSA [KSRT23]. **HAMSA-DI** [KSRT23]. **Hardened** [DAPS21].
Hardened-by-Replication [DAPS21].
Hardening [MSDM23]. **Hardware** [AKMS20, ABM⁺23, ARH⁺22, Ant22, AHV⁺21, Bau17, BPF⁺22, BPS⁺23, CTSG22, DBGJ20, DCM23, DYZ⁺22, DLMP21, EMMB19, EGBS22, FSS20, Gen24, GWZS23, GMK⁺23, HVW⁺21, HSL⁺23, HLHK19, KFS22, KSFS24, KEAS⁺18, KYDÖ21, KBBA17, Lu21a, MCL⁺21, uhMSI19, NRA⁺22, NKH⁺21, OBB⁺24, PGTD23, PH17, PH21, QLH21, RHS⁺22, RSM⁺23, RCK⁺24, RFS20, RHD⁺23, SMGS22, SWWL23, SJBS21, TML⁺17a, TML⁺17b, TML⁺17c, YXH20, ZHX⁺22, ZWL⁺23, ZHL⁺23, ZNF21, ZZL⁺22, DL17, HP18, SBJ21, SCM⁺21, TDPD⁺21, TCL⁺21, ZPRD21, ZZW⁺19, ZG22].
Hardware-Assisted [ZHX⁺22].
Hardware-In-The-Loop [OBB⁺24].
Hardware/Software [DLMP21, PH17, RFS20, ZWL⁺23, HP18].
Harmful [PW17b]. **Hart** [USQ⁺22]. **Hash** [LMP23]. **Hawkbite** [SCL⁺21]. **Hazard** [DPP22]. **HD** [TBSH22]. **HDL** [BBV⁺23, LCCS21]. **Healing** [ZZZ⁺23].
Heaps [DG22]. **HeapSafe** [DG22].
Heterogeneous [APSH⁺22, CPG⁺23, FGD⁺19, GCL⁺23, GPV⁺22, GTP⁺22, GZK⁺21, KG22a, RMP⁺19, VTS⁺23, WLC22, XZW⁺22, ZBA⁺20, WTY⁺23, EHK20]. **HEVC** [AS18]. **Hidden** [LBDPP19]. **Hierarchical** [BWZ⁺21]. **Hierarchy** [PKN⁺20]. **High** [Ano23c, Ano23d, AMG⁺20, BFP⁺22, BP21, CXL⁺20a, DNN23, FHL⁺22, GRD22, HBSE22, HK20, KZH22, LPZ19, LRB18, MMGC20, MZZG22, MPU⁺23, PAPJ⁺23, QCL⁺23, RLL⁺21, SJR⁺23, WLW⁺21, XYT⁺22, XYT⁺23, YXH20, ZZB⁺20, ZWL⁺20, ZCH⁺23, ZXXH22, ZCH22, ZHL⁺23, DKC⁺21, KHH22, MS17, WWZL17, WWL⁺20]. **High-bandwidth** [ZZB⁺20]. **High-Level** [GRD22, MMGC20].
High-Performance [Ano23c, Ano23d, BFP⁺22, BP21, LRB18, MZZG22, SJR⁺23, XYT⁺23, YXH20, ZXXH22, HK20, ZCH22, DKC⁺21, KHH22].
High-precision [ZWL⁺20]. **High-Quality** [LPZ19]. **High-Speed** [HBSE22, KZH22, RLL⁺21].
High-Throughput [DNN23]. **Highly** [BHT⁺21, LYZH20, PCW⁺22, ZSM21]. **Hint** [EGBS22]. **Hint-Based** [EGBS22].
HIRMA [SJR⁺23]. **Hits** [Gen24]. **HL5** [MMGC20]. **HLS** [CWD⁺21]. **Home** [LXC23, LZH20, Szk21]. **Home-Brew** [Szk21]. **Homomorphic** [AYA⁺23, PS22a].
Hoplite [KG17]. **Horizon** [AAC⁺23]. **Host** [OBSB23]. **Hot** [Szk21]. **Hotspot** [CPWG23]. **HPC** [OBB⁺24, PFD21].
HPCG [GMFC23]. **HPME** [YXH20].
HULK [VTS⁺23]. **HULK-V** [VTS⁺23].
Hummingbird [SJYZ22]. **Hunting** [RMR21]. **HW** [BDdD19a, KSSMRB23, RPA22]. **HW/SW** [KSSMRB23]. **Hybrid** [HJ23, KG22b].
Hyperdimensional [TBSH22]. **HyperSplit** [PLSK20]. **hypervisor** [CLM⁺22, MP20a, MP20b]. **Hz** [TBK⁺19].
I/O [MRGRCCR⁺21b]. **ICs** [PKC⁺20].
Identification [FAPHD23, HCL⁺21, KGBH22, MGZ⁺23].
identifying [KSAL21]. **IEEE** [BBdD17, IEE21, IEE22, IEE23, TBL19, KGC⁺24].
IEEE-Compliant [KGC⁺24]. **II** [AHV⁺21, COMP19, HVW⁺21, WAH21].
ILA [HZS⁺19]. **Image** [GAO21, SG23].
Impact [Cho18, Cho19, KCGL23, VMO⁺23, YLT22, WSMRM20]. **Implantable** [AMG⁺20, GRCRCG⁺20, MRAM⁺23].
Implement [LCCS21, VOK⁺22].
Implementation [ABC⁺20, ASE⁺21, CTN18, Cil21, FWZL19, FHD22, GAO21, GSDB18, HHB23,

HSWM23, HSEKD21, HMTL21, HM21, ISM⁺23, JSB20, KS22, KKE⁺22, LHC19, LZH20, LNB⁺23, MR22, NRA⁺22, NWP⁺23, NHML⁺22, PDLC18, PSZMM21, QLC20, RRJ⁺21, RSA⁺23, SJR⁺23, SUM23, SAF⁺23, SSB⁺19, SFGB20, SS22, SNOT20, TS20, TT22, TGT⁺23, TA22, VMFL23, WSMRM20, WWGW23, WTS21, WYK21, WHB⁺22, WLC22, YBR⁺23, YNYD23, YTL⁺23, YTÖ21, ZGL⁺21, ZZQ21, DZZZ23, EAI19, GBP21, GG18, KSSMRB23, SCM⁺21, ZJX20]. **Implementations** [SJER23, DAK⁺21]. **Implemented** [CCC⁺22, FdRES23, EHN23, SMGS22]. **Improved** [LWD20, HK20, JS23]. **Improving** [dAGM23, RAPK23, TLS22, ZZZ⁺23]. **Imputation** [MRB⁺23, MRB⁺24]. **In-Depth** [KNK⁺21]. **In-Hardware** [HLHK19]. **in-network** [DKC⁺21]. **In-Order** [SPDLP⁺22]. **In-System** [WDM22]. **including** [GCL⁺23]. **Increase** [VKG22]. **IndiRA** [TGT⁺23]. **induced** [FKS22]. **Industrial** [CXL⁺20a, YLT⁺23]. **Industry** [EAI19, LKHK23]. **Inevitable** [RK23]. **Inference** [AEAS21, ADF⁺23, DFA⁺23, GTC⁺21a, GTC⁺21b, GPV⁺22, GTP⁺22, GDR⁺22, NRB⁺23, OGT⁺20, PMBA19, SB23, TTB22, TBSh22, GRC⁺19]. **Information** [MTAL22, PDLC18, POMD22, SS19, WGZ⁺23]. **Infrastructure** [ZZB⁺20]. **infrastructures** [AAC⁺23]. **ing** [DCM23]. **Injection** [AMRCP21, BWZ⁺21, DXYZ19, ELG20, JRW⁺23, KNK⁺21, LBDPP19, POMD22, WW21]. **Innovating** [CXL⁺20b]. **Input** [TLB⁺22]. **Insertion** [LSB22]. **Insights** [SG23]. **Inst** [RZAH⁺19a]. **Inst/s** [RZAH⁺19a]. **Instance** [BRH⁺19]. **instantiation** [DL17]. **Instruction** [AKMS21, AP14, CLW23, DAHK20, DDM⁺20, DMR⁺20, FSS20, FHD22, GZC22, GAMG⁺23, dAGM23, HMJ22, HMJ24, HCZ21, HZS⁺19, JSB20, JZWL23, JHLD21, JHQ23, JRW⁺23, KLP⁺20, KG22c, KGBH22, LPZ19, Liu21, MR22, NDZ⁺21, NKH⁺21, Pat17, PPS⁺19, PMKZ22, QLC20, RHGD21, SNH22, SUAR23, Smi24, TBLD23, WZW⁺19, WZW⁺21, WLI23, WWX⁺24, WA21, WAH21, ZPRD22, ZHC⁺18, ZHX⁺22, ZZL⁺22, Chi23, HYXW22, PKL21, PKKK22, Pat18, RPSD16, WLA⁺13, ZJX20]. **Instruction-Controlled** [SNH22]. **Instruction-Level** [HZS⁺19, KLP⁺20]. **Instruction-Set** [HMJ22]. **Instructions** [BSSW21, CWS⁺24, GCL⁺23, KAMS19, KKEG22, LYL23, MMD⁺22a, NNPG23, PW17b, RZAH⁺19b, KK21, LSB22, LGB17, PJJ21, WWW23]. **Instructions/s** [RZAH⁺19b]. **Insulin** [YBR⁺23]. **INT** [SSB22]. **Integer** [ADF⁺23, PCO⁺23, PMKZ22]. **Integrate** [MMD⁺22a]. **Integrated** [GTCS21, KCZ⁺17, TLB⁺22, TCH23, WCL23, ZSM21, LZW⁺15, MSFK21, WRD⁺17, ZLP⁺15]. **Integrating** [FHY19]. **Integration** [KFGH⁺23, VMO⁺23, ZLC19, ZBA⁺20, HUL⁺22]. **Integrity** [DBGJ19, FHL⁺22, HYML23, TZG⁺23, TA22, ZPRD23, PKKK22]. **Intel** [CKTK22, CKTK23, NGS20, SNOT20, SNOT21]. **Intelligence** [MST⁺23, WCGL23]. **Intelligent** [GCL⁺23, GXLW22, HSR⁺23, LXC23]. **intended** [SGCGCR17]. **Intensive** [LWC18]. **Inter** [KIS20]. **Inter-Chiplet** [KIS20]. **interaction** [AS24]. **Interconnect** [LLL⁺21, EHN23]. **Interface** [GTCS21, KIS20, MST⁺23, NRA⁺22, OPY⁺18, PH17, PH21, ZS23, SNM22]. **Interleaved** [BCM⁺21]. **Interleaved-Multi-Threading** [BCM⁺21]. **Intermittent** [PPYB23]. **Internal** [SNOT20]. **Internet** [DGA⁺17, SCR⁺17]. **Internet-of-Things** [SCR⁺17]. **Interposer** [PKC⁺20]. **Interposer-Based** [PKC⁺20]. **Interpreter** [GVT⁺22]. **interpreters** [KKC⁺16]. **Interrupt** [EHK20, MTCL21]. **Introduction** [Bor23]. **Intrusion** [LXC23].

Invasive [TBLD23]. **Investigation** [OCC⁺17]. **INVITED** [DGH19]. **IO** [NAL22]. **IOT** [ZPRD21, ASE⁺21, ABP22, ASH19, BHT⁺21, CTN18, CXLL22, CWS⁺24, CPG⁺23, CRP⁺23, DNKDN⁺24, FRC⁺18, GTC⁺21a, GTC⁺21b, GST⁺17, HBSE22, HSR⁺23, LXC23, MLD⁺23, gMCP19, NBT22, PDLC18, SRD⁺21, SSD⁺21, TSABTM20, ZGL⁺21]. **IoT-Driven** [gMCP19]. **IP** [BBVB20, Bis21, BGVB18, HHB⁺19, KHH22, PPS⁺19, PH18, TL22, WDM22, ZCH22]. **IP-XACT** [PPS⁺19, PH18]. **IR** [YLT22]. **Irradiation** [SML⁺22]. **ISA** [AKMS21, AS18, ABP22, AHB20, BPF⁺22, BBVB20, BP21, BGVB18, Chi23, Chi24, FAPHD23, GTC⁺20, GBP21, GMK⁺23, GFB⁺24, IZG22, KGHRM23, LCN⁺23, LGB17, LVR⁺20, MAS18, MB16, PRS⁺15, SZHB21, SFGB20, TMR⁺19, TZ22, TBLD23, TEYK21, TYEK21, TML⁺17a, TML⁺17b, TML⁺17c, WA21, WGZ⁺23, YYP⁺22, ZTC21]. **ISA-Level** [FAPHD23]. **ISAs** [KRR22]. **ISE** [MPP21]. **Isolation** [CYJ⁺22, KLP⁺20]. **Issue** [EGBS22, KSRT23, SZHB21]. **ITUS** [KCHYM19].

Japan [TBL19]. **JIT** [DCL23]. **July** [BBdD17]. **June** [IEE21, TBL19].

Kernel [GPL22, HYML23, SMOM19, VMFL23]. **Key** [DNKDN⁺24, MLD⁺23]. **Keys** [DCEJ21]. **Keystone** [SNOT20, SNOT21]. **kHz** [TBK⁺19, WBH⁺18, WBH⁺19]. **Kid** [SEM19]. **Kitten** [GPL22]. **Klessydra** [CSM⁺21]. **Klessydra-T** [CSM⁺21]. **Kyoto** [TBL19].

LAC [FSS20]. **Language** [Dos19, Smi24]. **Languages** [WWN23]. **Large** [gMCP19]. **Large-Scaled** [gMCP19]. **Last** [CKTK22, CKTK23]. **Latency** [MLPH23, MST⁺23, RRC⁺20, RHD⁺23]. **Layer** [KYDÖ21, Suv21a, VOK⁺22]. **Layout** [PGTD23]. **Leakage** [Bis21, PAPJ⁺23, POMD22, TBK⁺19, AS24]. **Leakage-Suppression** [TBK⁺19]. **Learn** [LF22]. **Learning** [AEAS21, FHY19, HSL⁺23, RRC⁺20, SLCK21, SSD⁺22, TBR⁺22, KMS22, RCMQO24]. **led** [Chi23]. **Left** [AS22]. **LeNet** [FWZL19]. **LeNet-5** [FWZL19]. **Length** [MAS18]. **Level** [CKTK22, CKTK23, DDM⁺20, FAPHD23, GMS⁺23, GRD22, HYML23, HJ23, HGJD20, HZS⁺19, MMGC20, RHGD21, WTZ⁺20, WGZ⁺23, YLT22, APHD22, CLM⁺22, HGPD20, KLP⁺20, MRGRCR⁺21b]. **Level-1** [DDM⁺20]. **Leverage** [FDMM22]. **Leveraging** [RHD⁺23, KG22c]. **Libraries** [FTRH20]. **Library** [GRC⁺19, Liu21, SEG20, SNOT20, Ano20]. **License** [LRF⁺21]. **LiFi** [RSM⁺23]. **LiFi-CFI** [RSM⁺23]. **Light** [RSM⁺23, SLB⁺22, ZSM20, MMR⁺17]. **Light-weight** [RSM⁺23]. **Lightweight** [CRRS22, DBP21, GPL22, GTD⁺23, GJC23, HYWP⁺19, KKK⁺17a, KKK⁺17b, KKK⁺17c, LPB⁺21, LCW⁺24, MCL⁺21, MCL22, MLPH23, MLD⁺23, MÇB22, OBSB23, PHC⁺23, SZHB21, SMJ21, TBSh22, TGMD20, TGMD21, MPP21, MP20a, MP20b]. **Limitations** [RHS⁺22]. **line** [RCS⁺19]. **Linear** [FTRH20, GTD⁺23, ZGD22]. **LinearUCB** [ABM⁺23]. **Linux** [CIPR21, DRN⁺23, ILG19, OBSB23, PS22a, SGP⁺23, SMOM19, VTS⁺23, ZB19]. **Linux-Capable** [OBSB23, CIPR21]. **Linux-Ready** [PS22a, ZB19]. **LIRA** [SMJ21]. **LIRA-V** [SMJ21]. **lite** [DRC⁺16]. **LiteAIR5** [GMS⁺23]. **little** [Lu21b]. **little-core** [Lu21b]. **LLVM** [RSS⁺21, RSRT19, WY23]. **LLVM-Based** [RSS⁺21, RSRT19]. **Lo-RISK** [PAPJ⁺23]. **Localization** [SJER23]. **Lock** [NKTS23]. **Lock-Step** [NKTS23]. **Lockstep** [SAF⁺23].

Logic [EAI19, HLP⁺²⁴, TBK⁺¹⁹, AFP⁺¹⁷]. **London** [BBdD17]. **Long** [QLC20, GMFC23, VMFL23]. **long-vector** [GMFC23]. **Look** [SMP22]. **Looking** [HGD20a]. **Loop** [OBB⁺²⁴, RHD⁺²³]. **Low** [ABP22, BPM⁺²¹, BPF⁺²², BP21, CCA^{+18a}, CCA^{+18b}, DCL23, FGD⁺¹⁹, GRC⁺¹⁹, GZK⁺²¹, HWG22, KM21, KSRT23, KMB22, LRF⁺²¹, LHT⁺²¹, MLPH23, MST⁺²³, MRGRCR^{+21b}, MRAM⁺²³, MDR19, PHC⁺²³, PAPJ⁺²³, RKH⁺²³, RAPK23, RMR21, RHD⁺²³, SG23, SLZ⁺²⁰, SED⁺²³, SRD⁺²¹, SSD⁺²¹, SR22, SLCK21, TBR⁺²², ZCH22, CPL⁺²⁴, DKC⁺²¹, ERGK21, GBP21, NKTS23, PCL⁺²³, SCR⁺¹⁷, VTS⁺²³, ZWL⁺²⁰]. **Low-Area** [MDR19, SSD⁺²¹]. **Low-Cost** [BPM⁺²¹, DCL23, RMR21, SG23, SLZ⁺²⁰, HWG22, RAPK23]. **Low-Latency** [MLPH23, MST⁺²³, RHD⁺²³]. **Low-level** [MRGRCR^{+21b}]. **Low-Overhead** [SR22]. **Low-Power** [GZK⁺²¹, KSRT23, LRF⁺²¹, LHT⁺²¹, MRAM⁺²³, MDR19, PHC⁺²³, SED⁺²³, SRD⁺²¹, SSD⁺²¹, DKC⁺²¹]. **Low-Precision** [BPF⁺²²]. **Low-resource** [ZCH22]. **Low-Voltage** [CCA^{+18a}, CCA^{+18b}]. **LRCN** [LCF23]. **LTE** [WRD⁺¹⁷]. **LTE/Wi** [WRD⁺¹⁷]. **LTE/Wi-Fi** [WRD⁺¹⁷]. **LUT6** [LCG⁺²³]. **LUT6/mm2** [LCG⁺²³]. **LWE** [ZXXH22].

M [LWD20]. **M/T** [LWD20]. **Machine** [AEAS21, LCW⁺²⁴, MST⁺²³, SWW⁺²¹, KKC⁺¹⁶, KMS22]. **Main** [ZGG23, GAE⁺²³]. **mainframe** [Pat18]. **Management** [AHB20, EHK20, KCZ⁺¹⁷, PACB21, SAW⁺²⁰, VOK⁺²², WSK⁺²⁰, GG18]. **Manager** [Suv21b, TCH23]. **MANIC** [GAE⁺²³]. **Manipulation** [BSSW21, JSB20, KAMS19]. **Manticore** [ZSB21]. **Manual** [WA21, WAH21]. **Many** [BZVCB23, KHG20, KG22a, OBB⁺²⁴, Chi23]. **Many-Core** [BZVCB23, KHG20, KG22a, OBB⁺²⁴]. **Manycore** [GCL⁺²³, KG22b, RZAH^{+19b}, RZAH^{+19a}]. **Mapping** [APSH⁺²²]. **March** [GD19]. **Market** [Gen24, SEM19]. **Marsellus** [CPG⁺²³]. **Massively** [Gra16]. **Matching** [TT22]. **Math** [Liu21]. **Matrix** [SSS⁺²², TBR⁺²², ZXXH22, GBP21]. **Matrix-Multiplication** [TBR⁺²²]. **Maximizing** [LMP23]. **McEliece** [PGZMG21]. **McPAT** [ZBZ⁺²³]. **McPAT-Calib** [ZBZ⁺²³]. **MCU** [BPM⁺²¹, KKH⁺²⁰, LRF⁺²¹, MGZ⁺²³, YLT⁺²³, YTL⁺²³]. **MCU-Based** [LRF⁺²¹]. **MCUs** [BB21, TTB22]. **means** [LPB⁺²¹]. **Measurement** [SNOT21]. **Mechanism** [GLS21]. **Mechanisms** [DBGJ20]. **mediated** [GG18]. **Medical** [AMG⁺²⁰, GRCRCG⁺²⁰, KM21, MRAM⁺²³]. **meet** [ZPRD21]. **MEG** [ZZB⁺²⁰]. **Memories** [ZUSK23]. **Memory** [BR24, Cil21, CDW⁺²⁴, DLMP21, GKB⁺²², KAR⁺¹⁹, KG22b, KLP⁺²⁰, MST⁺²³, MDR19, NAL22, RRC⁺²⁰, RCK⁺²⁴, SB23, SMOM19, TML^{+17a}, TML^{+17b}, TML^{+17c}, TCH23, YXH20, ZZB⁺²⁰, ZHLR22, ZHL⁺²³, ZC23, DUM⁺¹⁹, GAE⁺²³, WRD⁺¹⁷]. **memory-based** [WRD⁺¹⁷]. **Memory-Constrained** [ZHLR22]. **Memory-Latency-Accuracy** [RRC⁺²⁰]. **Memory/Accelerator** [KG22b]. **MemPool** [VMO⁺²³, VMO⁺²²]. **Mesh** [RZAH^{+19a}]. **Metadata** [VOK⁺²²]. **Metamorphic** [RHGD21]. **MetaSys** [VOK⁺²²]. **Metering** [WT19]. **Method** [CLWL21, DDM⁺²⁰, DLMP21, GZC22, HCZ21, LHT⁺²¹, WZW⁺¹⁹, ZZZ⁺²³]. **Methodologies** [DXT⁺¹⁸]. **Methodology** [LLS22, MMA⁺¹⁸, RTRM19, RMR21, XYT⁺²², XYT⁺²³, Bar20]. **metrics** [GYW⁺²³]. **MHz** [UD18]. **Micro** [BP21, DNKDN⁺²⁴, GRCRCG⁺²⁰, KNK⁺²¹, MTAL22, MST⁺²³, DPV⁺¹⁷, RPSD16]. **Micro-Architectural** [MTAL22].

Micro-Architecture [BP21, KNK⁺21].
Micro-Controller [DNKDN⁺24, GRCRCG⁺20, MST⁺23].
Microarchitectural [BB21, CPWG23, Cho18, Cho19, GWZS23, WSG⁺21].
Microarchitecture [BSZ⁺21, BSZ⁺24, LHK23, SVM⁺23, TSW⁺23, TAC⁺22, ZBZ⁺23].
Microarchitectures [KIS22]. **Microcoded** [KG22c]. **Microcontroller** [DWG⁺20, MDR19, SJR⁺23, DRC⁺16, DGA⁺17, GAE⁺23, HUL⁺22, MRGRCR⁺21a].
Microcontrollers [KKE⁺22, RFS20, MRGRCR⁺21b].
Microprocessor [CTN18, HSL⁺23, KHS⁺23, PMKZ22, POMD22, QYZ21, SS22, TBK⁺19, UD18, UD20, WT19, WCL23, BMM⁺20, BCM⁺21].
Microprocessors [AMRCP21, LWC⁺16].
MicroRV32 [APHD22]. **Microscopy** [SG23]. **MicroTESK** [CKK⁺18].
Millimeter [KKH⁺20]. **Millimeter-wave** [KKH⁺20]. **Milliwatts** [RHD⁺23].
MiniFloat [BPF⁺22]. **MiniFloat-NN** [BPF⁺22]. **Minimal** [BKS22, JK20].
Minimally [TBLD23]. **MINOTAuR** [GCR⁺23]. **MIPS** [COMP19, MTJ⁺22].
MIPS-II [COMP19]. **Mitigate** [KFK⁺19].
Mitigating [GLS21]. **Mixed** [BRH⁺19, NRB⁺23, OGT⁺20, CIPR21].
mixed-criticality [CIPR21].
Mixed-Precision [NRB⁺23, OGT⁺20].
Mixed-Signal [BRH⁺19]. **ML** [DEA⁺21, DtEt22, HH23, SJER23].
ML-Based [SJER23]. **mm2** [LCG⁺23, LCG⁺23]. **Mobile** [KKH⁺20, USQ⁺22, ZSM20]. **Mode** [HMJ24]. **Model** [DAKK19, JS23, LCF23, MMA⁺18, TML⁺17a, TML⁺17b, TML⁺17c, SC17].
Modeled [PPS⁺19]. **Modeling** [GMS⁺23, PH18, RSRT19, ZBZ⁺23].
Models [GDR⁺22, TBLD23, TAC⁺22, TDH⁺23, KSAL21]. **Modern** [LF22, MP20a, MP20b]. **Modification** [KCGL23]. **Modular** [BPF⁺22, KAR⁺19, KHG20]. **Module** [TA22, WTZ⁺20, DZZZ23, MRGRCR⁺21b, TDPD⁺21, ZXXH22]. **Module-LWE** [ZXXH22]. **Modules** [AKMS21].
Monitoring [CTSG22, DEC⁺18, LYZH20, SMB17, ZHX⁺22]. **Monte** [BFP⁺22].
MOPS [GAE⁺23]. **MOPS/mW** [GAE⁺23].
Morello [Sew21]. **moreMCU** [SAB22].
Morpheus [AHV⁺21, HVV⁺21].
Motorcycle [ZS23]. **Moving** [DAKK19].
MPSoC [EEI⁺18, LVR⁺20, MSR⁺21, NRA⁺22, NRLH22]. **MPSoCs** [KAR⁺19, KEAS⁺18]. **MRAM** [GAE⁺23, HWJ23, HJ23, ZBA⁺20].
MRAM-Based [HWJ23]. **MS** [DUM⁺19].
Multi [BKS22, BBV⁺23, BCM⁺21, CXL⁺20a, DKT⁺23, EHK20, GZK⁺21, HWJ23, HSL⁺23, HH23, KYDÖ21, KHS⁺23, LRF⁺21, OCC⁺17, PCO⁺23, PCA⁺24, PNV22, SGP⁺23, TH22, VROdIT22, WTY⁺23].
Multi-Accelerator [GZK⁺21].
Multi-Armed [DKT⁺23]. **Multi-Core** [BBV⁺23, CXL⁺20a, EHK20, GZK⁺21, HWJ23, LRF⁺21, PCA⁺24, SGP⁺23, TH22, WTY⁺23]. **Multi-Grain** [VROdIT22].
Multi-Layer [KYDÖ21]. **Multi-objective** [HH23]. **Multi-Precision** [PCO⁺23, HSL⁺23]. **Multi-Target** [KHS⁺23]. **Multi-tasking** [BKS22].
Multi-threaded [OCC⁺17]. **Multicore** [CDF⁺20, DAKK19, IK21b, JHL⁺21, PHC⁺23, PACB21, PGW⁺20, VMO⁺22, VMO⁺23, FKS22, RCMQO24]. **Multiple** [BDdD19b, FGD⁺19, KKEG22].
Multiple-precision [BDdD19b].
Multiplication [CPLS23, ERGK21, KZH22, SSS⁺22, TBR⁺22, GBP21]. **Multiplier** [VSD22]. **Multiprecision** [CSZ⁺20].
multiPULPly [ERGK21]. **Multirate** [BHR⁺18]. **Multithreaded** [CSM⁺21, EGBS22]. **Mutation**

[FAPHD23, HTGD21]. **Mutation-based** [HTGD21]. **Mutation-Classes** [FAPHD23]. **mW** [GAE⁺23].

Nano [Ben23, KMB22]. **Nano-Drones** [Ben23]. **Nano-UAV** [KMB22]. **Nanosatellite** [RKH⁺23]. **nanotube** [AFP⁺17]. **NanoWattch** [TLB⁺22]. **Native** [MDPM24, WWN23]. **natural** [SGCGCR17]. **Navigation** [KMB22]. **Near** [CKTK23, GST⁺17, MGZ⁺23, UD20, WCL23, ZZB⁺20, CKTK22]. **Near-data** [ZZB⁺20]. **Near-Sensor** [MGZ⁺23]. **Near-Threshold** [GST⁺17, UD20, WCL23]. **NEC** [GMFC23, VMFL23]. **Negative** [HGD20a]. **NEORV32** [BFC⁺23]. **Network** [ABW⁺21, CRRS22, GRC⁺19, KSAL21, LHD⁺22, LPL22, NRA⁺22, NBT22, RZAH⁺19a, SLMS21, DKC⁺21, HC20, HUL⁺22, TZ22, WWZL17]. **Networks** [ERGK21, GTC⁺20, GTC⁺21a, GTC⁺21b, NRB⁺23, RHD⁺23, Suv21b, CRRS21]. **Neumann** [KFK⁺19]. **Neural** [ABW⁺21, CRRS22, ERGK21, GRC⁺19, GTC⁺20, GTC⁺21a, GTC⁺21b, KSAL21, LPL22, NRB⁺23, RHD⁺23, CRRS21, HUL⁺22, TZ22]. **Neuromorphic** [FSMU21, MST⁺23, RHD⁺23]. **Neuron** [NBT22]. **Neutral** [LHD⁺22]. **Neutron** [BFC⁺23, CG23, SLK⁺21, SML⁺22, WW19, WWB23, FKS22]. **neutron-induced** [FKS22]. **News** [Gen24, Gre20]. **Next** [CSO⁺23, GD19, Ben23]. **Next-generation** [CSO⁺23, Ben23]. **Night** [CPL⁺24]. **Nile** [DEC⁺18]. **nm** [BRH⁺19, CSZ⁺20, CCA⁺18a, KCZ⁺17, LCG⁺23, MSFK21, NWP⁺23, PCO⁺23, RZAH⁺19b, SAW⁺20, SWW⁺22, UD18, UD20, WBH⁺18, WBH⁺19, WSK⁺20, WCL23, ZB19, ZLP⁺16, ZCNA17]. **NN** [BPF⁺22, GRC⁺19]. **NoC** [EEI⁺18, KG17, KEAS⁺18, NRA⁺22, PKC⁺20]. **NoC-Based** [EEI⁺18, KEAS⁺18]. **NoC-MPSoC** [NRA⁺22]. **Node** [CPG⁺23, RRC⁺20].

Nodes [GTC⁺21a, GTC⁺21b, SRD⁺21]. **NOEL** [And20, SAF⁺23, dOK23]. **NOEL-V** [And20, SAF⁺23, dOK23]. **Non** [DDM⁺20, KGHRM23, MTT21]. **Non-Binary** [KGHRM23]. **Non-Blocking** [DDM⁺20]. **Non-Volatile** [MTT21]. **Nonlinear** [BKdLSGL23]. **Nonvolatile** [SNH22, ZUSK23]. **Novel** [DDM⁺20]. **NTT** [KZH22, PS22a]. **NTT-Based** [KZH22]. **Number** [JZWL23, KA20, KRR22, MSSS23, NDZ⁺21, RKRF21]. **Numerics** [BDdD19a]. **NVDLA** [FHY19, FWZL19]. **NVIDIA** [FHY19]. **NvMISC** [ZUSK23]. **nW** [TBK⁺19, TLB⁺22].

O [MRGRCR⁺21b]. **Obfuscation** [WZW⁺19]. **object** [ZZW⁺19]. **objective** [HH23]. **obtained** [BCM⁺21]. **off** [GG18, MTJ⁺22]. **Offs** [RRC⁺20, ZHLR22]. **On-Board** [CDF⁺20, RKH⁺23, ZSM21]. **On-Chip** [DCM23, GPV⁺22, GTP⁺22, OBB⁺24, RZAH⁺19a, WSK⁺20]. **On-line** [RCS⁺19]. **On-Sensor** [SED⁺23]. **Onboard** [CGG21, DBP21]. **One** [DNKDN⁺24, KG22c]. **One-Pass** [DNKDN⁺24]. **Online** [GKB⁺22, SJER23]. **Oolong** [MB16]. **Open** [ABC⁺20, APHD21b, Ano23c, Ben23, BPF⁺22, BCZ21a, CTN18, CKP19, CSO⁺23, DXT⁺18, EMMB19, FTRH20, Gen24, GCCR21, HCW23, HLHK19, HHB⁺19, ILG19, JHL⁺21, LNA21, MMD⁺22b, MMD⁺22c, MFM⁺19, NNPG23, PW17a, PFD21, PCW⁺22, PCO⁺23, PCA⁺24, PGW⁺20, SAF⁺23, SSR⁺18, VOK⁺22, WW21, WSG⁺21, ZWB19, APHD22, DAK⁺21, GYW⁺23, HGTD21, Pat18, SCL⁺21, TZPL21, TSABTM20]. **Open-Source** [ABC⁺20, Ano23c, CKP19, DXT⁺18, FTRH20, Gen24, HLHK19, HHB⁺19, LNA21, MMD⁺22b, MMD⁺22c, PCO⁺23, PCA⁺24, PGW⁺20, SSR⁺18, WSG⁺21, VOK⁺22, DAK⁺21, GYW⁺23, HGTD21, SCL⁺21, TZPL21]. **OpenASIP**

[HMJ22]. **OpenCL** [ETR+20]. **OpenCV** [KSAL21]. **openKylin** [WLY+22]. **OpenLane** [HSEKD21]. **Operable** [TLB+22]. **Operating** [BKS22, GPL22, MSDM23, WSMRM20]. **Operation** [CCA+18b, WCL23]. **operations** [CRRS21]. **Opportunities** [LVPSB+23]. **Optical** [KMB22, PAPJ+23]. **Optimal** [OCC+17]. **Optimisation** [HH23, WWW23]. **optimised** [PJJ21]. **Optimization** [BSSW21, BB21, HWJ23, Liu21, Zha22, GMFC23]. **Optimizations** [KCGL23, VOK+22, CLC+20]. **Optimized** [CPLS23, DPP22, KS22, KKE+22, PSS23, PSM23, SLBJ23, CSM22, HUL+22, KK21, MFM+19]. **Optimizing** [LVR+20, TTB22, WWX+24]. **Optimum** [RSA+23, KSAL21]. **Order** [Ano23a, Ant22, CPWG23, CXL+20a, CCA+18a, CCA+18b, DDM+20, GZ22, LHD+21, MFM+19, SGP+23, SSB22, SPDLP+22, ZTC21, PRS+15, RPD+15]. **organisation** [SC17]. **Organization** [LF22, OCC+17, PH17, PH21]. **Oriented** [GVT+22, KGBH22]. **Original** [GTD+23]. **Orthogonal** [WZW+19]. **OSEK** [DL17]. **OSEK-V** [DL17]. **OTA** [SCL+21]. **Out-of-Order** [Ano23a, Ant22, CPWG23, CXL+20a, CCA+18a, CCA+18b, DDM+20, GZ22, LHD+21, MFM+19, SGP+23, SSB22, ZTC21, RPD+15]. **Overhead** [SR22]. **Overlay** [BCCM21]. **Overlays** [VROdit22]. **Overview** [APHD21a, HHB+19]. **Own** [Szk21].

P [CLC+20]. **P870** [Ano23d]. **Pacemaker** [YNYD23]. **Packed** [LYL23, YCL+23]. **Packed-SIMD** [LYL23]. **Packet** [PLSK20, DKC+21, WWZL17]. **Parallel** [GRC+19, Gra16, MAS18, MGZ+23, NRB+23, OBB+24, RCMQO24, ZHL+23, HC20]. **Parallel-Execution-Unit** [MAS18]. **Parallelization** [BZVCB23]. **Parallelizing** [KMB22]. **Partial** [CMV21, CKTG21, WW21]. **Partitioning** [RHS+22]. **Pass** [DNKDN+24, 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** [CRM+23]. **PCs** [LF22]. **Penetration** [CXLL22]. **Perception** [MST+23]. **Perceptron** [KYDÓ21]. **PERCIVAL** [MMD+22b, MMD+22c, MDPM24]. **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, SAB24, TLS22, WWL+20, ZCH22]. **PERI** [TGRK19, TGRK21]. **Periodical** [DWG+20]. **Periodical-Driven** [DWG+20]. **peripheral** [EHN23]. **peRISCVscope** [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, APHD22, DGA⁺¹⁷, FKS22, HGPD20, HGTD21].

Platforms

[Ano21, MSP23, WWX⁺²⁴, CIPR21]. **PLL** [RZAH^{+19b}, RZAH^{+19a}]. **Plug** [OBSB23].

Plug-In [OBSB23]. **Pluggable** [MC22].

Pluggy [MKM20]. **Point** [AVS⁺²², Ano20, BPM⁺²¹, CSZ⁺²⁰, CPLS23, GFB⁺²⁴,

MSZB19, PSS23, PCO⁺²³, SEG20, ZSB21, ZZQ21, Liu21, PRS⁺¹⁵, YCL⁺²³, YWZL22, ZSB20, ZG22, BDdD19b]. **Pointers** [GM21].

Points [JZWL23]. **Poisoning** [AVS⁺²²].

PolarFire [DXYZ19]. **Policy**

[HWJ23, SSS⁺²²]. **Polynomial** [KZH22, WMGD23]. **popularity** [Chi23].

Portable [BCZ21a, LYL23, WHB⁺²²].

Porting [GPL22, Zha22]. **Portland** [IEE23].

Posit [CLR^{+21b}, CLR^{+21a}, CRRS22, KK23, MSSS23, MMD^{+22a}, MMD^{+22b},

MMD^{+22c}, MDPM24, SJM⁺²⁰, TGRK19, TGRK21, CRRS21, SJP⁺²³]. **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, Smi24, SLCK21, SKK⁺²², TBR⁺²², TDH⁺²³,

WSK⁺²⁰, YLT22, ZBZ⁺²³, CPL⁺²⁴, 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⁺²³,

GFB⁺²⁴, KGC⁺²⁴, LCN⁺²³, NRB⁺²³, OGT⁺²⁰, PCO⁺²³, RSR21, YCL⁺²³,

BDdD19b, HSL⁺²³, LWA⁺¹⁴, ZWL⁺²⁰].

Precision-Scalable [CRP⁺²³].

Predictability [GCCR21]. **Predictable**

[GCR⁺²³]. **Prediction** [BWP22, SLCK21].

Predictor [CSM22]. **PRESENT**

[TGMD21]. **Preventing** [ARH⁺²²].

Prevention [WSG⁺²¹]. **PRINCE**

[MCL22]. **Principle** [KG22c]. **Printer**

[YLT⁺²³]. **Privilege** [TZG⁺²³]. **Privileged**

[WAH21]. **Proceedings**

[IEE23, GD19, IEE21, IEE22]. **Process**

[HMTL21]. **Processing**

[AvAG21, ABP22, CCC⁺¹⁹, CGG21,

CRRS22, GAO21, HWG22, MSSS23,

PCA⁺²⁴, RMF22, SG23, SED⁺²³, Su21,

ZB19, ZZB⁺²⁰, DKC⁺²¹, KHH22, WWZL17].

Processor [ABM⁺²³, Ano23a, Ano23c,

Ano23d, Ano23g, ABW⁺²⁰, ABW⁺²¹,

ADF⁺²³, BBV⁺²³, BZVCB23, BBVB20,

BHD23, CCC⁺²², CDF⁺²⁰, CSZ⁺²⁰, CV22,

CXL^{+20a}, CLWL21, CKTK22, CKTK23,

CPLS23, CCA^{+18a}, CCA^{+18b}, Cho18,

Cho19, DAPS21, DDM⁺²⁰, DPP22,

DKT⁺²³, DCC⁺²³, DFA⁺²³, FDS⁺²³,

GM21, GZ22, GDR⁺²², GJC23, GSDB18,

HHB23, HCW23, HGJD20, HHB⁺¹⁹, HCZ21,

IFO⁺¹⁸, IK21b, JK20, KIS20, KFK⁺¹⁹,

KCZ⁺¹⁷, KKOY19, KYDÖ21, KKEG22,

KK23, LCCS21, LBDPP19, LHD⁺²¹, LHC19,

LHT⁺²¹, LNA21, LZH20, LLL⁺²¹, MLPH23,

MSZB19, MMGC20, MFM⁺¹⁹, MAS18,

MZZG22, MKB⁺²³, Mis22, gMCP19,

NHML⁺²², NBT22, OCOMP19, OCC⁺¹⁷,

OGT⁺²⁰, PSS23, PCL⁺²³, PHC⁺²³,

PNSD20, PPS⁺¹⁹, PH18, PCW⁺²²,

PCO⁺²³, PCA⁺²⁴, PSZMM21, PMBA19,

PNV22, QCL⁺²³, RKH⁺²³, RHGD21,

RZAH^{+19b}, RZAH^{+19a}, RCS⁺¹⁹, SGP⁺²³,

SUM23, SLZ⁺²⁰, SWW⁺²², SSD⁺²¹, SR22,

SFGB20, SPDLP⁺²², SLB⁺²²]. **Processor**

[SLCK21, TS20, TBSH22, TT22, TGT⁺²³,

TCH23, VROdIT22, WDM22, WTS21,

WMGD23, WW19, WSK⁺²⁰, XHY⁺²⁰, ZLC19, ZTC21, ZWB19, ZGL⁺²¹, ZGD22, ZGG23, ZXXH22, ZCH22, ZLP⁺¹⁶, ZCNA17, ZC23, dOTB⁺²⁰, dOK23, AvAG21, AFP⁺¹⁷, BGVB18, CMV21, CPL⁺²⁴, CSM22, DUM⁺¹⁹, DPV⁺¹⁷, DZZZ23, DAK⁺²¹, EHN23, FvHC⁺²³, GAE⁺²³, GMV20, GYW⁺²³, HK20, HYXW22, KK21, KHH22, KMS22, LHD⁺²², LWA⁺¹⁴, LZW⁺¹⁵, LPB⁺²¹, LSB22, MS17, MB16, MMR⁺¹⁷, RPD⁺¹⁵, RPSD16, SJYZ22, YWZL22, ZLP⁺¹⁵, ZCNA16].

processor-based [YWZL22].

processor-micro-architecture [RPSD16].

Processors [AAB⁺²³, BWZ⁺²¹, BHT⁺²¹, CAL23, CRRS22, DEA⁺²¹, DtEt22, DMR⁺²⁰, FdRES23, FSMG⁺¹⁹, GTC⁺²⁰, GMK⁺²³, HLHK19, HMJ22, HDT⁺²⁰, KG22a, KGC⁺²⁴, KJ22, KKE⁺²², LPZ19, MSP23, MTCL21, MSJ19, OPY⁺¹⁸, OBB⁺²⁴, PPYB23, RSR21, RTRM19, RMP⁺¹⁹, RMR21, SAW⁺²⁰, SUAR23, Szk21, WSUM19, WW21, WWB23, XYT⁺²², XYT⁺²³, YYP⁺²², ZGMD22, ZCH⁺²³, Bar20, KKC⁺¹⁶, NKTS23, RCMQO24].

Product [CXL^{+20a}, KBBA17]. **Prof5** [SCA⁺²²]. **profiler** [SCA⁺²²]. **Program** [CKK⁺¹⁸]. **Programmable** [Ant22, CTSG22, DEC⁺¹⁸, EAI19, HCL⁺²¹, Lu22, PLH⁺²², SAW⁺²⁰, TSS⁺²²].

Programing [BBV⁺²³, Bor23, HLP⁺²⁴, KGBH22, Smi24, WDM22, WWN23].

Programs [WY23, ZPRD23]. **Progress** [HWG22, Liu21]. **Project** [AAC⁺²³].

Projects [RBK18]. **Propagated** [LHT⁺²¹].

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

Prospects [RHS⁺²²]. **protected** [SGCGCR17]. **Protecting** [AHV⁺²¹, DGH19, HVW⁺²¹, WSUM19].

Protection [Bis21, DBGJ20, DCEJ21, GKB⁺²², HYML23, NAL22, RTRM19, RSM⁺²³, TGMD21]. **Protocol** [DCM23].

Proton [dOK23]. **Prototype** [FHD22, HGLD18, ZWL⁺²³, DPV⁺¹⁷, HGPSD20].

Prototypes [HGLD19, HGTD20, HGD20b, HGTD21].

Pruned [MKB⁺²³]. **Public** [MLD⁺²³].

Public-Key [MLD⁺²³]. **PUF** [MSFK21].

PULP [GRC⁺¹⁹]. **PULP-NN** [GRC⁺¹⁹].

Pump [YBR⁺²³]. **purpose** [MRGRCR^{+21b}, TZ22]. **PUSCH** [BZVCB23]. **PVT** [TLS22]. **PWM** [PSM23].

PYNQ [SSD⁺²²]. **Pytorch** [KSAL21].

Q [Raj21]. **QEMU** [AKMS20, Hor21a].

Quad [SR22]. **Quad-Core** [SR22].

Qualification [FAPHD23]. **Quality** [LPZ19, SMOM19]. **Quantitative** [ZZZ⁺²³].

Quantized [ADF⁺²³, DFA⁺²³, GRC⁺¹⁹, GTC⁺²⁰, GTC^{+21a}, GTC^{+21b}, NRB⁺²³].

Quantum [EKAK22, FSMG⁺¹⁹, FSS20, GJC23, HBSE22, KSFS24, KGHM23, LKKK22, NDZ⁺²¹, PGZMG21, RFS20, XHY⁺²⁰, ZKS⁺²³]. **Quark** [ADF⁺²³, NWP⁺²³]. **Quire** [MMD^{+22a}, MMD^{+22b}, MMD^{+22c}, SJP⁺²³].

quire-enabled [SJP⁺²³].

race [SCR⁺¹⁷]. **Radiation** [BFC⁺²³, CG23, SLK⁺²¹, WW19, WWB23, dOTB⁺²⁰].

Radio [AHB20, PACB21]. **Radix** [HSE⁺²⁴].

Radix-4 [HSE⁺²⁴]. **RAE** [WWL⁺²⁰].

RAM [DXYZ19]. **Random** [APHD21a, DHL⁺²¹, TTB22, TTDD21, LSB22].

Randomization [ZZL⁺²²]. **Randomized** [JRW⁺²³]. **Range** [UD18]. **RANTT** [KA20]. **Rapid** [GGH⁺²², LPZ19]. **RAS** [ZZZ⁺²³]. **Rate** [ZHL⁺²³]. **Rates** [YLC21].

Raven [LZW⁺¹⁵]. **Razor** [VKG22].

Reader [PW17a]. **Ready** [PS22a, ZB19, CDP⁺²²]. **Real** [APSH⁺²², BB21, HSWM23, HCL⁺²¹, KFGH⁺²³, LHD⁺²¹, LHC⁺²¹, LCF23, MSDM23, PLH⁺²², WBH⁺¹⁸, WBH⁺¹⁹, ZHX⁺²²].

Real-Time [HSWM23, KFGH⁺²³, LHD⁺²¹, LHC⁺²¹, MSDM23, PLH⁺²², WBH⁺¹⁸, WBH⁺¹⁹,

ZHX⁺²², APSH⁺²², BB21, HCL⁺²¹, LCF23]. **REALISE** [MLD⁺²³]. **REALISE-IoT** [MLD⁺²³]. **Reality** [SED⁺²³]. **Realization** [DNKDN⁺²⁴, NAL22]. **Reason** [TDPD⁺²¹]. **Recognition** [GXLW22, LRF⁺²¹, ZWL⁺²⁰, DZZZ23]. **Recommendation** [DEA⁺²¹, DtEt22]. **Reconfigurable** [DAHK20, LYZH20, gMCP19, SR22, Suv21b, VROdlT22, WLI23, ZLC19, SAB22, WRD⁺¹⁷]. **Reconfiguration** [ABM⁺²³, CMV21, CKTG21, WW21]. **reconstruction** [Sah23]. **Recovering** [MTAL22]. **Recovery** [DBP21, XZW⁺²²]. **Recurrence** [HSE⁺²⁴]. **RedMule** [TBR⁺²²]. **Reduced** [Pat17]. **Reducing** [MTT21]. **Reduction** [ZCNA17, ZCNA16]. **Redundancy** [ZCNA17, ZCNA16]. **Redundant** [KRR22, RKRF21]. **Reference** [MMA⁺¹⁸]. **Register** [AKMS21]. **Registers** [LBDPP19, MTT21, SZHB21]. **Regression** [ZGD22]. **Regulator** [WCL23]. **Relaxed** [HLP⁺²⁴]. **Reliability** [AAA⁺²¹, AMRCP21, ISM⁺²³, LNZ⁺²², RAPK23, WSMRM20]. **Reliable** [FSMG⁺¹⁹, MMA⁺¹⁸]. **Remote** [SMJ21, WWL⁺²⁰]. **Rendering** [TSS⁺²², ZJX20]. **Replacement** [SSS⁺²²]. **Replication** [DAPS21]. **Reprogrammable** [ZCNA16, ZCNA17]. **Research** [CXLL22, GZ22, GGH⁺²², HCW23, LPL22, TEYK21, WDM22, APHD22]. **resilience** [BMM⁺²⁰]. **Resiliency** [CCA^{+18a}]. **Resilient** [CCA^{+18b}, DBP21, NRLH22, WCL23]. **Resisted** [DHL⁺²¹]. **Resolution** [WBH⁺¹⁸, WBH⁺¹⁹]. **Resource** [AHB20, ET21, dAGM23, IK21b, JBK23, PACB21, SCL⁺²¹, ZCH22]. **Resource-Constrained** [ET21, dAGM23, JBK23]. **Retargeting** [COMP19]. **Retirement** [KKEG22]. **Return** [KGBH22]. **Return-Oriented** [KGBH22]. **Reuse** [ZHL⁺²³]. **Review** [WCGL23, SFAAL22]. **revolutionary** [GG18]. **revolutionize** [Gre20]. **RF** [KKH⁺²⁰]. **RFID** [IFO⁺¹⁸]. **Rich** [SNOT21]. **RIMI** [KLP⁺²⁰]. **RISC** [And20, Ano23b, BDdD19b, BFC⁺²³, CKTG21, Cho19, EHK20, KFGH⁺²³, MTAL22, RZAH^{+19b}, TLB⁺²², WY23, dOK23, ABC⁺²⁰, AAA⁺²¹, ASE⁺²¹, AKMS20, AKMS21, AS22, APHD21a, APHD21b, APHD22, APSH⁺²², AEAS21, AvAG21, AS18, AAC⁺²³, AFP⁺¹⁷, ABP22, AAB⁺²³, AHB20, ABM⁺²³, ARH⁺²², Ano20, Ano22, Ano23a, Ano23c, Ano23d, Ano23f, Ano23g, Ant22, AMRCP21, AMG⁺²⁰, AS24, AP14, ABW⁺²⁰, ABW⁺²¹, AWB⁺²³, ADF⁺²³, ASH19, AHV⁺²¹, AYA⁺²³, BKS22, BBV⁺²³, BSSW21, BSZ⁺²¹, BWZ⁺²¹, BSZ⁺²⁴, BHR⁺¹⁸, BRH⁺¹⁹, BB21, BMM⁺²⁰, BCM⁺²¹, BJJ23, Bar20, BFP⁺²², BKdLSGL23, BCCM21, Ben23, BPM⁺²¹, BPF⁺²², BZVCB23, BBVB20, BP21, Bor23, BPS⁺²³, BWP22, BCZ21a, BCZ21b, BF23, BR24, BHGD21, BHD23, BHT⁺²¹, BGVB18, CCC⁺²², CIPR21, CTN18, CXLL22, CCC⁺¹⁹, CGG21, CG23, CDF⁺²⁰, CDP⁺²², CRMR⁺²³, CMV21]. **RISC** [CSZ⁺²⁰, CV22, CPWG23, CLC⁺²⁰, CXL^{+20a}, CXL^{+20b}, CWD⁺²¹, CLWL21, CKTK22, CYJ⁺²², CKTK23, CPLS23, CWS⁺²⁴, Chi23, CCA^{+18a}, CCA^{+18b}, Cho18, CPL⁺²⁴, CSM22, CAL23, CKK⁺¹⁸, CKP19, COMP19, Cil21, CRRS21, CRRS22, CPG⁺²³, CRP⁺²³, CTSG22, CLW23, CSO⁺²³, DNKDN⁺²⁴, DAHK20, DHL⁺²¹, DNN23, DUM⁺¹⁹, DBP21, DXT⁺¹⁸, DBGJ19, DBGJ20, DG22, DGH19, DAPS21, DCM23, DCEJ21, DYZ⁺²², DPV⁺¹⁷, DDM⁺²⁰, DPP22, DKC⁺²¹, DKT⁺²³, DZZZ23, DEA⁺²¹, DtEt22, DCC⁺²³, DRN⁺²³, DXYZ19, DK23, DAK⁺²¹, DKA⁺²², Dos19, DLMP21, DCL23, DFA⁺²³, DRC⁺¹⁶, DGA⁺¹⁷, DWG⁺²⁰, DMR⁺²⁰, EAI19, EAM⁺²², EMMB19, EAMK21, EKAK22, EEI⁺¹⁸, ELG20,

ETR⁺²⁰, ET21, EHN23, EGBS22, FSPB21, FDS⁺²³, FHY19, FFW20, FWZL19, FHL⁺²², FdRES23, FKS22, FTRH20, FGD⁺¹⁹, FRC⁺¹⁸, FvHC⁺²³, FSMU21, FSMG⁺¹⁹, FSS20, FHD22, FAPHD23, FDMM22, GM21, GZ22, GZC22]. **RISC** [GCL⁺²³, GMS⁺²³, GRCRCG⁺²⁰, GRC⁺¹⁹, GTC⁺²⁰, GTC^{+21a}, GTC^{+21b}, GPV⁺²², GTP⁺²², GGH⁺²², GBP21, GST⁺¹⁷, GDR⁺²², GXLW22, GAMG⁺²³, Gen24, GWZS23, GKB⁺²², dAGM23, GMK⁺²³, GAO21, GG18, GAE⁺²³, GMV20, GMFC23, GGÁARG⁺²¹, GZK⁺²¹, GPL22, GRD22, GLS21, GTD⁺²³, GVT⁺²², Gra16, GTC21, Gre20, GCCR21, GCR⁺²³, GYW⁺²³, GJC23, GSDB18, GFB⁺²⁴, HYML23, HBSE22, HYWP⁺¹⁹, HWJ23, HJ23, HSR⁺²³, HHB23, HH21, HVW⁺²¹, HCP⁺²¹, HH22, HK20, HXW22, HSL⁺²³, HSWM23, HCW23, HLHK19, HMJ22, HMJ24, HGLD18, HGLD19, HGD⁺¹⁹, HGTD20, HGD20a, HGJD20, HGD20b, HGPLD20, HGTD21, HTGD21, HSEKD21, HMTL21, HDT⁺²⁰, HHB⁺¹⁹, HUL⁺²², HCZ21, HWG22, HH23, HCL⁺²¹, HM21, IK21a, IVZV20, ISM⁺²³, ILG19, IFO⁺¹⁸, IK21b, IZG22, JBK23, JSB20, JHL⁺²¹, JZWL23, JHLD21, JRD⁺²³, JHQ23, JRW⁺²³, JK20, JS23, KSAL21, KIS20, KIS22, KAR⁺¹⁹, KHG20]. **RISC** [KG22a, KG22b, KK21, KFK⁺¹⁹, KM21, KA20, KFS22, KSFS24, KSSMRB23, KNK⁺²¹, KCZ⁺¹⁷, KEAS⁺¹⁸, KKH⁺²⁰, KLP⁺²⁰, KS22, KKOY19, KG22c, KRR22, KYDÖ21, KHH22, KAMS19, KGBH22, KHS⁺²³, KMS22, KSRT23, KCGL23, KZH22, KMB22, KKEG22, KCHYM19, KFGH⁺²³, KGHRM23, KK23, KKE⁺²², LCCS21, LRF⁺²¹, LBDPP19, LHD⁺²¹, LHD⁺²², LF22, LWA⁺¹⁴, LZW⁺¹⁵, LWC⁺¹⁶, LCYK20, LPB⁺²¹, LHC⁺²¹, LKKK22, LCN⁺²³, LKHK23, LYZH20, LWC18, LSB22, LGB17, LHC19, LWD20, LHT⁺²¹, LCG⁺²³, LCF23, LMP23, LYL23, LWLA23, LCW⁺²⁴, LXC23, LVR⁺²⁰, LNA21, LPZ19, Liu21, LPL22, LHK23, LNZ⁺²², LLS22, LVPSB⁺²³, LZH20, LLL⁺²¹, Lu21b, Lu21a, Lu22, LNB⁺²³, LRB18, MCL⁺²¹, MCL22, MLPH23, MSZB19, MKČ23, MKM20, MC22, MSSS23, MMD^{+22a}, MMD^{+22b}, MMD^{+22c}, MSP23, MMGC20, MTCL21, MLD⁺²³, MG22, MR22, MPP21, MFM⁺¹⁹, MTT21, MS17, MAS18, MSJ19, MB16, MST⁺²³, MZZG22, MMR⁺¹⁷]. **RISC** [MSR⁺²¹, MSD⁺²², MSDM23, uhMSI19, MKB⁺²³, MPU⁺²³, MKVD23, Mis22, MGZ⁺²³, MRSBGR⁺²⁰, MRGRCR^{+21a}, MRGRCR^{+21b}, MRAM⁺²³, gMCP19, MDR19, MTJ⁺²², MRB⁺²³, MRB⁺²⁴, MSFK21, MČB22, MMA⁺¹⁸, NRB⁺²³, NRA⁺²², NNPG23, NDZ⁺²¹, NWP⁺²³, NAL22, NHML⁺²², NKH⁺²¹, NBT22, NGS20, NKTS23, NPA⁺²³, NSM⁺²³, NRLH22, OPY⁺¹⁸, OCMP19, OCC⁺¹⁷, OGT⁺²⁰, OBSB23, OBB⁺²⁴, PSS23, PDLC18, PS22a, PLH⁺²², PKN⁺²⁰, PKL21, PJJ21, PKC⁺²⁰, PKKK22, PCL⁺²³, PHC⁺²³, PAPJ⁺²³, PGTD23, PRS⁺¹⁵, PNSD20, PW17a, Pat18, PACB21, PPS⁺¹⁹, PH18, PFD21, PCW⁺²², PCO⁺²³, PGW⁺²⁰, PMKZ22, PPYB23, PRP⁺²³, PGZMG21, POMD22, PLSK20, PSZMM21, PNG20, PS22b, PSM23, PMBA19, PNV22, QCL⁺²³, QLH21, QYZ21, QLC20, RSR21, RRJ⁺²¹, RSR20, RCMQO24, RHS⁺²², RKH⁺²³, RAPK23, RRC⁺²⁰, RPD⁺¹⁵, RPSD16, RSA⁺²³, RMF22, RKRF21, RBK18]. **RISC** [RLL⁺²¹, RSS⁺²¹, RHGD21, RMP⁺¹⁹, RK23, RMR21, RSM⁺²³, RPA22, RZAH^{+19a}, RFS20, RCS⁺¹⁹, RHD⁺²³, SGP⁺²³, SEM19, SMP22, SVM⁺²³, SNM22, SG23, SJR⁺²³, Sah23, SUM23, SNH22, SGCGCR17, SSS⁺²², SFAAL22, SLZ⁺²⁰, SLK⁺²¹, SML⁺²², SMMD23, SSB22, SAF⁺²³, SC17, SLBJ23, SBJ21, SMB17, SAB22, SED⁺²³, SCR⁺¹⁷, SSR⁺¹⁸, SRD⁺²¹, SAW⁺²⁰, SWW⁺²¹, SWW⁺²², SZHB21, SJER23, SSD⁺²¹, Sew21, SMGS22, SJM⁺²⁰, SJP⁺²³, SMJ21, SS19, SWWL23,

SR22, SUAR23, SSB⁺19, SCA⁺22, SFGB20, Smi24, SB23, SJYZ22, SCM⁺21, SPDLP⁺22, SLB⁺22, SCL⁺21, SS22, SJBS21, SMOM19, Su20, Su21, SAB24, SNK22, SLCK21, Suv21a, Suv21b, SNOT20, SNOT21, SLMS21, SKK⁺22, SSD⁺22, Szk21, TTB22, TS20, TMR⁺19, TBSh22, TLS22, TT22, TBS⁺21, TZPL21, TH22, TZS⁺21, TZ22, TZG⁺23, TGMD20, TGMD21, TBLD23, TDPD⁺21, TEYK21, TYEK21]. **RISC** [TSS⁺22, TGRK19, TGRK21, TGT⁺23, TAC⁺22, TSABTM20, TBR⁺22, TCL⁺21, TTDD21, TDH⁺23, TBK⁺19, TL22, TCH23, TOYK22, TA22, USQ⁺22, UD18, UD20, VTS⁺23, VKG22, VROdlT22, VMO⁺22, VMO⁺23, VSD22, VMFL23, WSMRM20, WRD⁺17, WWZL17, WBH⁺18, WT19, WZW⁺19, WBH⁺19, WTZ⁺20, WZW⁺21, WLW⁺21, WLY⁺22, WDM22, WGW23, WWW23, WLI23, WWX⁺24, WTS21, WLA⁺13, WA21, WAH21, WYK21, WCGL23, WMGD23, WSUM19, WMA⁺21, WMR⁺22, WW19, WW21, WWB23, WSG⁺21, WSK⁺20, WXY⁺22, WHB⁺22, WLC22, WTY⁺23, WCL23, WGZ⁺23, XZW⁺22, XLZ23, XHY⁺20, XYT⁺22, XYT⁺23, YBR⁺23, YNYD23, Yan20, YLC21, YCL⁺23, YLT⁺23, YTL⁺23, YYM21, YTÖ21, YXH20, YLT22, YWZL22, YYP⁺22, ZLC19, ZB19, ZSB20, ZSB21, Zee22, ZTC21, ZPRD21, ZPRD22, ZPRD23, ZBZ⁺23, ZHC⁺18, ZZW⁺19, ZWL⁺20, ZGL⁺21, ZZG21, ZZZ21, ZGMD22, ZGD22, Zha22, ZHX⁺22, ZHLR22, ZGG23, ZZZ⁺23]. **RISC** [ZCH⁺23, ZXXH22, ZKS⁺23, ZUSK23, ZZQ21, ZCH22, ZWL⁺23, ZSM20, ZSM21, ZS23, ZJX20, ZHL⁺23, ZBA⁺20, ZLP⁺15, ZCNA16, ZLP⁺16, ZCNA17, ZG22, ZPL⁺23, ZNF21, ZZL⁺22, ZC23, dOTB⁺20]. **RISC-HD** [TBSh22]. **RISC-V** [And20, Ano23b, BDdD19b, BFC⁺23, CKTG21, Cho19, KFGH⁺23, MTAL22, TLB⁺22, WY23, dOK23, ABC⁺20, AAA⁺21, ASE⁺21, AKMS20, AKMS21, AS22, APHD21a, APHD21b, APHD22, APSH⁺22, AEAS21, AvAG21, AS18, AAC⁺23, AFP⁺17, ABP22, AAB⁺23, AHB20, ABM⁺23, ARH⁺22, Ano20, Ano22, Ano23a, Ano23c, Ano23d, Ano23f, Ano23g, Ant22, AMRCP21, AMG⁺20, AS24, AP14, ABW⁺20, ABW⁺21, AWB⁺23, ADF⁺23, ASH19, AHV⁺21, AYA⁺23, BKS22, BBV⁺23, BSSW21, BSZ⁺21, BWZ⁺21, BSZ⁺24, BHR⁺18, BRH⁺19, BB21, BMM⁺20, BCM⁺21, BJK23, Bar20, BFP⁺22, BKdLSGL23, Ben23, BPM⁺21, BPF⁺22, BZVCB23, BBVB20, BP21, Bor23, BWP22, BCZ21a, BCZ21b, BF23, BR24, BHGD21, BHD23, BHT⁺21, BGVB18, CCC⁺22, CIPR21, CTN18, CXLL22, CCC⁺19, CGG21, CG23, CDF⁺20, CDP⁺22, CRMR⁺23, CMV21, CSZ⁺20, CV22, CPWG23, CLC⁺20]. **RISC-V** [CXL⁺20a, CXL⁺20b, CWD⁺21, CLWL21, CKTK22, CYJ⁺22, CKTK23, CPLS23, CWS⁺24, Chi23, CCA⁺18a, CCA⁺18b, Cho18, CPL⁺24, CSM22, CAL23, CKK⁺18, CKP19, COMP19, Cil21, CRRS21, CRRS22, CPG⁺23, CRP⁺23, CTSG22, CLW23, CSO⁺23, DNKDN⁺24, DAHK20, DHL⁺21, DNN23, DUM⁺19, DBP21, DXT⁺18, DBGJ19, DBGJ20, DG22, DGH19, DAPS21, DCM23, DCEJ21, DYZ⁺22, DPV⁺17, DDM⁺20, DPP22, DKC⁺21, DKT⁺23, DZZZ23, DEA⁺21, DtEt22, DCC⁺23, DRN⁺23, DXYZ19, DK23, DAK⁺21, DKA⁺22, Dos19, DLMP21, DCL23, DFA⁺23, DRC⁺16, DGA⁺17, DWG⁺20, DMR⁺20, EAI19, EAM⁺22, EMMB19, EAMK21, EKAK22, EEI⁺18, ELG20, ETR⁺20, ET21, EHN23, EGBS22, FSPB21, FDS⁺23, FHY19, FFW20, FWZL19, FHL⁺22, FdRES23, FKS22, FTRH20, FGD⁺19, FRC⁺18, FvHC⁺23, FSMU21, FSMG⁺19, FSS20, FHD22, FAPHD23, FDMM22, GM21, GZ22, GZC22, GCL⁺23, GMS⁺23, GRCRCG⁺20, GRC⁺19, GTC⁺20]. **RISC-V** [GTC⁺21a, GTC⁺21b, GPV⁺22, GTP⁺22,

GST⁺¹⁷, GDR⁺²², GXLW22, GAMG⁺²³, Gen24, GWZS23, GKB⁺²², dAGM23, GMK⁺²³, GAO21, GG18, GAE⁺²³, GMV20, GMFC23, GZK⁺²¹, GPL22, GRD22, GLS21, GTD⁺²³, GVT⁺²², Gra16, GTCS21, Gre20, GCCR21, GCR⁺²³, GYW⁺²³, GJC23, GSDB18, GFB⁺²⁴, HYML23, HBSE22, HYWP⁺¹⁹, HWJ23, HSR⁺²³, HHB23, HH21, HVW⁺²¹, HCP⁺²¹, HH22, HK20, HYXW22, HSWM23, HCW23, HLHK19, HMJ22, HMJ24, HGLD18, HGLD19, HGD⁺¹⁹, HGTD20, HGD20a, HGJD20, HGD20b, HGP20, HGTD21, HTGD21, HSEKD21, HMTL21, HDT⁺²⁰, HHB⁺¹⁹, Hor20, HCZ21, HWG22, HH23, HCL⁺²¹, HM21, IK21a, IVZV20, ISM⁺²³, ILG19, IFO⁺¹⁸, IK21b, IZG22, JBK23, JSB20, JHL⁺²¹, JZWL23, JHLD21, JRD⁺²³, JHQ23, JRW⁺²³, JK20, JS23, KSAL21, KIS20, KIS22, KAR⁺¹⁹, KHG20, KG22a, KG22b, KK21, KFK⁺¹⁹, KM21, KA20, KFS22, KSFS24, KNK⁺²¹]. **RISC-V** [KCZ⁺¹⁷, KEAS⁺¹⁸, KKH⁺²⁰, KLP⁺²⁰, KS22, KKOY19, KG22c, KRR22, KYDÖ21, KHH22, KAMS19, KGBH22, KHS⁺²³, KMS22, KSRT23, KCGL23, KZH22, KMB22, KKEG22, KCHYM19, KFGH⁺²³, KGHRM23, KK23, KKE⁺²², LCCS21, LRF⁺²¹, LBDPP19, LHD⁺²¹, LHD⁺²², LF22, LWA⁺¹⁴, LZW⁺¹⁵, LWC⁺¹⁶, LCYK20, LPB⁺²¹, LHC⁺²¹, LKKK22, LCN⁺²³, LKHK23, LYZH20, LWC18, LSB22, LGB17, LHC19, LWD20, LHT⁺²¹, LCG⁺²³, LCF23, LMP23, LYL23, LWLA23, LCW⁺²⁴, LXC23, LVR⁺²⁰, LNA21, LPZ19, Liu21, LPL22, LHK23, LNZ⁺²², LLS22, LVPSB⁺²³, LZH20, LLL⁺²¹, Lu21b, Lu21a, Lu22, LNB⁺²³, LRB18, MCL⁺²¹, MCL22, MLPH23, MSZB19, MKČ23, MKM20, MC22, MSSS23, MMD^{+22a}, MMD^{+22b}, MMD^{+22c}, MSP23, MMGC20, MTCL21, MLD⁺²³, MG22, MR22, MPP21, MFM⁺¹⁹, MTT21, MS17, MAS18, MSJ19, MB16, MST⁺²³, MZZG22, MMR⁺¹⁷, MSR⁺²¹, MSD⁺²², MSDM23,

uhMSI19, MPU⁺²³, MKVD23, Mis22, MGZ⁺²³, MRSBGR⁺²⁰, MRGRCR^{+21a}]. **RISC-V** [MRGRCR^{+21b}, MRAM⁺²³, gMCP19, MDR19, MTJ⁺²², MRB⁺²³, MRB⁺²⁴, MSFK21, MÇB22, MMA⁺¹⁸, NRB⁺²³, NRA⁺²², NNPG23, NDZ⁺²¹, NWP⁺²³, NAL22, NHML⁺²², NKH⁺²¹, NBT22, NGS20, NKTS23, NPA⁺²³, NSM⁺²³, NRLH22, OPY⁺¹⁸, OCMP19, OCC⁺¹⁷, OGT⁺²⁰, OBSB23, OBB⁺²⁴, PSS23, PDLC18, PS22a, PLH⁺²², PKN⁺²⁰, PKL21, P JL21, PKC⁺²⁰, PKKK22, PCL⁺²³, PHC⁺²³, PAPJ⁺²³, PGTD23, PNSD20, PW17a, Pat18, PACB21, PPS⁺¹⁹, PH18, PFD21, PCW⁺²², PGW⁺²⁰, PMKZ22, PPYB23, PRP⁺²³, PGZMG21, POMD22, PLSK20, PNG20, PS22b, PSM23, PMBA19, PNV22, QCL⁺²³, QLH21, QYZ21, RSR21, RRJ⁺²¹, RSR20, RCMQO24, RHS⁺²², RKH⁺²³, RAPK23, RRC⁺²⁰, RPD⁺¹⁵, RPSD16, RSA⁺²³, RMF22, RKRF21, RBK18, RSS⁺²¹, RHGD21, RMP⁺¹⁹, RK23, RSM⁺²³, RPA22, RZAH^{+19a}, RFS20, RCS⁺¹⁹, RHD⁺²³, SGP⁺²³, SEM19, SMP22, SVM⁺²³, SNM22, SG23]. **RISC-V** [SJR⁺²³, Sah23, SUM23, SNH22, SGCGCR17, SSS⁺²², SFAAL22, SLZ⁺²⁰, SLK⁺²¹, SML⁺²², SMMD23, SSB22, SAF⁺²³, SC17, SLBJ23, SBJ21, SMB17, SAB22, SED⁺²³, SCR⁺¹⁷, SSR⁺¹⁸, SRD⁺²¹, SAW⁺²⁰, SWW⁺²¹, SWW⁺²², SZHB21, SJER23, SSD⁺²¹, Sew21, SMGS22, SJM⁺²⁰, SMJ21, SS19, SWWL23, SR22, SUAR23, SSB⁺¹⁹, SCA⁺²², SFG20, Smi24, SB23, SJYZ22, SCM⁺²¹, SPDLP⁺²², SLB⁺²², SCL⁺²¹, SS22, SJBS21, SMOM19, Su20, Su21, SAB24, SNK22, SLCK21, Suv21a, SNOT20, SNOT21, SLMS21, SKK⁺²², SSD⁺²², Szk21, TTB22, TS20, TMR⁺¹⁹, TBSh22, TLS22, TT22, TBS⁺²¹, TZPL21, TH22, TZS⁺²¹, TZ22, TZG⁺²³, TGMD20, TGMD21, TBLD23, TDPD⁺²¹, TEYK21, TYEK21, TSS⁺²², TGRK19, TGRK21, TGT⁺²³, TAC⁺²², TSABTM20,

TCL⁺²¹, TTDD21, TDH⁺²³, TBK⁺¹⁹, TL22, TCH23, TOYK22, TA22, USQ⁺²², UD18, UD20, VTS⁺²³, VROdlT22].

RISC-V

[VMO⁺²², VMO⁺²³, VSD22, VMFL23, WSMRM20, WRD⁺¹⁷, WWZL17, WBH⁺¹⁸, WT19, WZW⁺¹⁹, WBH⁺¹⁹, WTZ⁺²⁰, WZW⁺²¹, WLW⁺²¹, WLY⁺²², WDM22, WWGW23, WWW23, WLI23, WWX⁺²⁴, WTS21, WLA⁺¹³, WA21, WAH21, WYK21, WCGL23, WMGD23, WSUM19, WMA⁺²¹, WMR⁺²², WW19, WW21, WWB23, WSG⁺²¹, WSK⁺²⁰, WXY⁺²², WHB⁺²², WLC22, WTY⁺²³, WCL23, WGZ⁺²³, XZW⁺²², XLZ23, XHY⁺²⁰, XYT⁺²², XYT⁺²³, YBR⁺²³, YNYD23, Yan20, YLC21, YCL⁺²³, YLT⁺²³, YTL⁺²³, YYM21, YTÖ21, YXH20, YLT22, YWZL22, YYP⁺²², ZLC19, ZB19, ZSB20, ZSB21, Zee22, ZTC21, ZPRD21, ZPRD22, ZPRD23, ZBZ⁺²³, ZHC⁺¹⁸, ZZW⁺¹⁹, ZWL⁺²⁰, ZGL⁺²¹, ZGZ21, ZZZ21, ZGMD22, ZGD22, Zha22, ZHX⁺²², ZHLR22, ZGG23, ZZZ⁺²³, ZCH⁺²³, ZXXH22, ZKS⁺²³, ZUSK23, ZZQ21, ZCH22, ZWL⁺²³, ZSM20, ZSM21, ZS23, ZJX20, ZHL⁺²³, ZBA⁺²⁰, ZLP⁺¹⁵, ZCNA16, ZLP⁺¹⁶, ZCNA17, ZG22, ZPL⁺²³, ZNF21, ZZL⁺²², ZC23, dOTB⁺²⁰].

RISC-V-Based [HJ23, MKB⁺²³, PCO⁺²³, QLC20, RMR21, TBR⁺²², BCCM21, GGH⁺²², GGÁARG⁺²¹, HSL⁺²³, HUL⁺²², KSSMRB23, RLL⁺²¹, SJP⁺²³].

RISC-V/Tensor [DEA⁺²¹, DtEt22].

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

[JHLD21]. **RISCV** [ZZB⁺²⁰, Hor21a].

RISCV-based [ZZB⁺²⁰]. **riscv/QEMU**

[Hor21a]. **Rise** [Su20, AYA⁺²³]. **RISK**

[PAPJ⁺²³, FFW20]. **Risk-5** [FFW20].

RLWE [ZHC⁺¹⁸]. **RNN**

[AHB20, CDF⁺²⁰, PACB21]. **RNN-based**

[AHB20, PACB21]. **Road** [BFP⁺²²].

Roadmap [FDMM22]. **Robotics**

[LCYK20]. **Rocket**

[Ano23e, LBDPP19, LNB⁺²³, SBJ21]. **Root**

[HSE⁺²⁴]. **Roots** [Gen24]. **ROS** [LCYK20].

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

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

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

[GDR⁺²², IVZV20]. **Runtime** [HGTD20,

LWLA23, SAB22, WVN23, WRD⁺¹⁷].

Runtime-reconfigurable

[SAB22, WRD⁺¹⁷]. **RV** [CKTG21].

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

RV32I [DPP22, GRCRCG⁺²⁰].

RV32IMAC [DWG⁺²⁰]. **RV32X** [WY23].

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

[KK21]. **RvDfi** [FHL⁺²²]. **RVFC** [XLZ23].

RVfpga [HCP⁺²¹]. **RVNet** [WWZL17].

RVNoC [EEI⁺¹⁸]. **RVV** [PCA⁺²⁴].

s [RZAH^{+19b}, RZAH^{+19a}]. **Saber**

[KZH22, ZHLR22]. **Safe** [gMCP19]. **SafeLS**

[SAF⁺²³]. **Safety**

[AAB⁺²³, DLMP21, MKČ23, RLL⁺²¹,

RCK⁺²⁴, WMA⁺²¹, DUM⁺¹⁹].

Safety-Critical

[MKČ23, RLL⁺²¹, WMA⁺²¹]. **SAR**

[DRC⁺¹⁶]. **Sargantana**

[DCC⁺²³, SPDLP⁺²²]. **SAT** [FSPB21].

SAT-Based [FSPB21]. **Satellite** [CDF⁺²⁰].

SBST [FSPB21, FDS⁺²³]. **Scalability**

[TH22]. **Scalable** [AKMS20, BZVCB23,

CSZ⁺²⁰, CRP⁺²³, GST⁺¹⁷, KKOY19,

PNSD20, RSRT19, TBK⁺¹⁹, WWL⁺²⁰].

Scalar [BDdD19b]. **Scale**

[DAKK19, TSW⁺²³, Sew21]. **Scale4Edge**

[EAM⁺²²]. **Scaled** [gMCP19]. **Scaling**

[DHL⁺²¹, LCN⁺²³, TLB⁺²²]. **Scheduled**

[QLC20]. **Scheduling** [APSH⁺²², EGBS22].

Scheme [FSS20, LWLA23, WLC22].

schemes [HK20]. **Scientific**

[BDdD19b, MDPM24]. **Script** [ZNF21].

Script-Based [ZNF21]. **Scripting**

[KKK^{+17a}, KKK^{+17b}, KKK^{+17c}].

Sealable [DCEJ21]. **SealPK** [DCEJ21].

second [GCL⁺²³]. **Secure**

[ASE⁺²¹, DBP21, FSMG⁺¹⁹, GJC23,

HYWP⁺¹⁹, KCHYM19, PDLC18, PKC⁺²⁰,

SSB⁺¹⁹, SS22, SLMS21, ZLC19, BF23].
Secure-Boot [HYWP⁺¹⁹]. **Secures** [Gen24]. **Securing** [DG22, PRP⁺²³].
Security [AAA⁺²¹, AAB⁺²³, Ano22, ASH19, AHV⁺²¹, CDP⁺²², CYJ⁺²², CAL23, DCL23, FHL⁺²², GAMG⁺²³, Gen24, GWZS23, HVW⁺²¹, NGS20, OPY⁺¹⁸, RRJ⁺²¹, SG23, SKK⁺²², USQ⁺²², WGZ⁺²³, ZHX⁺²², ZC23, Lu21a, MMR⁺¹⁷].
Security-Critical [SKK⁺²²]. **SEGGER** [Ano20]. **seL4** [DK23]. **Selection** [HSE⁺²⁴].
Self [TLB⁺²², ZZZ⁺²³]. **Self-Healing** [ZZZ⁺²³]. **Self-Powered** [TLB⁺²²].
Semantic [SZHB21]. **Sensing** [DWG⁺²⁰, EMMB19, TLB⁺²²]. **Sensor** [CGG21, MGZ⁺²³, SED⁺²³, ZS23].
September [IEE22, IEE23]. **Sequencing** [WHB⁺²²]. **Sequential** [BBV⁺²³, MTT21].
Security [WZW⁺¹⁹]. **Server** [ZZZ⁺²³]. **servers** [LF22]. **services** [BF23]. **Set** [CLW23, DMR⁺²⁰, FSS20, FHD22, GZC22, dAGM23, HMJ22, HMJ24, HCZ21, JZWL23, JHLD21, KG22c, LPZ19, Liu21, MR22, NDZ⁺²¹, Pat17, PMKZ22, Smi24, TBLD23, WA21, WAH21, ZZL⁺²², EHN23, PKKK22, Pat18, RPSD16, WLA⁺¹³, ZJX20]. **Sets** [WZW⁺¹⁹, WWX⁺²⁴, AP14, Chi23]. **SEU** [DAPS21]. **SGX** [SNOT20, SNOT21]. **SHA** [LMP23]. **SHA-3** [LMP23]. **SHAKTI** [DUM⁺¹⁹, MMR⁺¹⁷]. **SHAKTI-MS** [DUM⁺¹⁹]. **Shakti-T** [MMR⁺¹⁷]. **Shape** [KIS20]. **Shape-Changeable** [KIS20].
Shared [IK21b, PHC⁺²³]. **Sharing** [LVR⁺²⁰]. **shellcoding** [BJN23]. **shift** [HC20]. **SHORE** [DLMP21]. **Short** [KKC⁺¹⁶]. **Short-circuit** [KKC⁺¹⁶].
Shortcomings [RHS⁺²²]. **should** [AP14]. **Side** [Bis21, DGH19, HGD20a, JHQ23, LHD⁺²¹, AS24, GYW⁺²³]. **Side-Channel** [DGH19, LHD⁺²¹, Bis21, AS24, GYW⁺²³].
SiFive [Ano21]. **sign** [GG18]. **sign-off** [GG18]. **Signal** [ABP22, BHR⁺¹⁸, BRH⁺¹⁹, CCC⁺¹⁹, RMF22]. **Signature** [GJC23, KSSMRB23]. **Signatures** [KSFS24]. **Signoff** [YLT22]. **SIKE** [EAMK21, EKAK22, RFS20]. **Silicon** [ABC⁺²⁰, CG23, TH22, MRGRCR^{+21a}].
SIMD [AvAG21, LYL23, PKL21, PJJ21, PW17b, SPDLP⁺²², TMR⁺¹⁹, YCL⁺²³].
Simodense [PJJ21]. **Simplify** [BCCM21].
Simulation [AS24, BWP22, CLWL21, DXYZ19, DMR⁺²⁰, HGTD20, PFD21, SNK22, HGTD21, MG22].
Simulation-based [AS24]. **Simulator** [BHT⁺²¹]. **Simulators** [IZG22, TBLD23].
Simultaneous [ZLP⁺¹⁶]. **Simultaneous-Switching** [ZLP⁺¹⁶].
Singapore [GD19]. **Single** [BWZ⁺²¹, CLWL21, DPV⁺¹⁷, KFK⁺¹⁹, PCA⁺²⁴, SZHB21]. **Single-** [PCA⁺²⁴].
Single-Issue [SZHB21]. **Single-Stage** [KFK⁺¹⁹]. **Siracusa** [SED⁺²³]. **Siwa** [GRCRCG⁺²⁰]. **Size** [BSSW21, LCN⁺²³, SLBJ23].
Size-Optimized [SLBJ23]. **Skip** [GAMG⁺²³]. **SLM** [GMK⁺²³]. **Slow** [SCR⁺¹⁷]. **SM2** [CPLS23, SWWL23].
SM2/3 [CPLS23]. **SM4** [KKE⁺²², WWGW23]. **Small** [BPM⁺²¹, BWP22, TZPL21]. **small-board** [TZPL21]. **SmallFloat** [TMR⁺¹⁹]. **Smart** [CYJ⁺²², EMMB19, FdRES23, LZH20, SLMS21, YBR⁺²³]. **smartphones** [LF22].
SMURF [BDdD19b]. **SNOW** [WYK21]. **SNOW-V** [WYK21]. **SoC** [DEA⁺²¹, DtEt22, HZS⁺¹⁹, DBP21, TH22, VMO⁺²³, WTY⁺²³, And20, AMG⁺²⁰, AYA⁺²³, BHR⁺¹⁸, BRH⁺¹⁹, BFC⁺²³, BGVB18, CPG⁺²³, DHL⁺²¹, DCM23, DCC⁺²³, FHY19, FWZL19, FRC⁺¹⁸, GCL⁺²³, GXLW22, GAO21, GZK⁺²¹, HSWM23, KCZ⁺¹⁷, LCG⁺²³, Lu21b, MCL22, MLPH23, MSFK21, NWP⁺²³, NGS20, QLH21, RAPK23, SED⁺²³, SRD⁺²¹, SSD⁺²¹, TBS⁺²¹, TSABTM20, TDH⁺²³, TLB⁺²², TL22, VTS⁺²³, VKG22, VMO⁺²², WBH⁺¹⁸, WBH⁺¹⁹, WTZ⁺²⁰, XZW⁺²², ZLC19, ZZQ21, ZWL⁺²³, ZSM20,

ZSM21, ZS23]. **SoCs** [BWP22, KFGH⁺23, PGW⁺20, SAB24, TBR⁺22]. **Soft** [ARH⁺22, CMV21, CV22, Cho18, Cho19, DAPS21, FvHC⁺23, GDR⁺22, GRD22, KGC⁺24, KKOY19, LNZ⁺22, MFM⁺19, MAS18, OCC⁺17, PMKZ22, PMBA19, RTRM19, SUAR23, WW19, WWB23, WLC22, ZCH22, dOTB⁺20, BCM⁺21, KK21, MS17].

Soft-Core [KKOY19, PMBA19, FvHC⁺23, BCM⁺21].

Soft-Cores [GRD22]. **Soft-Processor** [MAS18, CMV21, MS17]. **Soft-Processors** [SUAR23]. **Software** [FdRES23, HLHK19, JBK23, PKL21, PJJ21].

softcores [TLS22]. **Software** [AHV⁺21, BB21, Bau17, Bis21, BPS⁺23, CRMR⁺23, DAPS21, DYZ⁺22, DXYZ19, DLMP21, HVW⁺21, HSL⁺23, LBDPP19, LKHK23, MSD⁺22, uhMSI19, PH17, PH21, RFS20, SMGS22, TML⁺17a, TML⁺17b, TML⁺17c, WYK21, ZGMD22, ZGD22, ZWL⁺23, ZNF21, HP18, MRGRCR⁺21b, SBJ21, SCM⁺21, TZPL21, TSABTM20].

Software-driven [LKHK23].

software-emulated [MRGRCR⁺21b].

Software-Hardware [uhMSI19].

Software-implemented [SMGS22].

software/hardware [SCM⁺21]. **SOI** [CSZ⁺20, KCZ⁺17, MSZB19, SAW⁺20, SPDLP⁺22, WSK⁺20]. **solution** [CIPR21, KSAL21]. **Solutions** [BWP22].

SonicBOOM [LHK23]. **sound** [SGCGCR17]. **sounds** [FvHC⁺23]. **Source** [ABC⁺20, APHD21b, Ano21, Ano23c, CTN18, CKP19, DXT⁺18, FTRH20, Gen24, GCCR21, HCW23, HLHK19, HHB⁺19, ILG19, LNA21, MMD⁺22b, MMD⁺22c, MFM⁺19, PFD21, PCW⁺22, PCO⁺23, PCA⁺24, PGW⁺20, SAF⁺23, SSR⁺18, WW21, WSG⁺21, APHD22, DAK⁺21, GYW⁺23, HGTD21, SNM22, SCL⁺21, TZPL21, VOK⁺22]. **Space** [And20, BSZ⁺21, BSZ⁺24, CDP⁺22, FDM22, LHK23, RAPK23, SVM⁺23, SLZ⁺20, SMMD23, SLBJ23, WLW⁺21, WMA⁺21, WMR⁺22].

Space-Grade [WMA⁺21, WMR⁺22].

SpaceFibre [Suv21b]. **Spaceflight** [MSP23]. **Sparq** [DFA⁺23]. **Sparse** [WBH⁺18, WBH⁺19]. **SPEC** [SSB22, TZS⁺21]. **Specific** [GGÁARG⁺21, HMJ22, OBSB23, WT19, XHY⁺20, YYP⁺22, ZXXH22, DL17, HP18, LPB⁺21, Pat18]. **Specification** [CTSG22, HZS⁺19]. **Specifications** [LPZ19]. **SpecTerminator** [JHQ23].

Spectral [WBH⁺18, WBH⁺19]. **Spectre** [LHD⁺22]. **Spectrophotometer** [SLB⁺22].

Speculative [GRD22, GCCR21, GCR⁺23, JHQ23, VKG22]. **speech** [DZZZ23]. **Speed** [BSSW21, HBSE22, KZH22, LWD20, NDZ⁺21, RLL⁺21, ZNF21]. **Speed-Up** [NDZ⁺21, ZNF21]. **speedAI240** [SB23].

Speeding [LMP23, MGZ⁺23]. **Spike** [Hor21b]. **sprung** [Gen24]. **SQRT** [LGB17].

Square [HSE⁺24, TS20, WTS21]. **SRAM** [FvHC⁺23, RTRM19, SG23, VKG22, WW19, WW21, WWB23, ZHL⁺23, ZCNA17, dOTB⁺20]. **SRAM-Based** [RTRM19, WWB23, ZCNA17, dOTB⁺20, WW19, WW21].

Stage [CXL⁺20a, GZ22, KFK⁺19, PMKZ22, CSM22, YTL⁺23, ZZZ21]. **Standard** [LKHK23, BF23]. **standards** [HC20].

Started [Hor20]. **States** [IEE23]. **Static** [LWLA23, RHS⁺22]. **steady** [SCR⁺17].

Stealthy [PGTD23]. **Step** [NKTS23].

Stimulus [AMG⁺20]. **Storage** [GCL⁺23, Lu21b]. **Strategies** [PPYB23].

Strategy [HJ23]. **Stream** [SZHB21].

Structurally [MKB⁺23].

Structurally-Pruned [MKB⁺23].

Structure [LPL22]. **Structured** [ZCH⁺23].

STT [ZBA⁺20]. **STT-MRAM** [ZBA⁺20].

studies [GYW⁺23]. **Study** [APSH⁺22, BHD23, CPWG23, DCM23, HGLD19, HGJD20, PKC⁺20, PGTD23, RHGD21, SSB22, SSR⁺18, WMGD23, YLC21, SCM⁺21]. **Sub**

[ADF⁺23, DFA⁺23, UD18]. **Sub-Byte** [ADF⁺23, DFA⁺23]. **Submicrosecond** [KCZ⁺17]. **Suitability** [KRR22]. **Suitable** [SUM23]. **Suite** [CKP19, GYW⁺23]. **Superscalar** [Ant22, GMV20]. **Superscaler** [DDM⁺20]. **Support** [BPM⁺21, CSZ⁺20, Cil21, KKK⁺17a, KKK⁺17b, KKK⁺17c, KKEG22, MSD⁺22, PCO⁺23, WY23, ZG22]. **Supported** [LCN⁺23, Ano20]. **Supporting** [DRN⁺23, MZZG22, KK21]. **Supports** [KGC⁺24]. **Suppression** [TBK⁺19]. **surveillance** [SGCGCR17]. **Survey** [AAB⁺23, BR24, CLW23, ET21, IZG22, MSD⁺22, NGS20, DAK⁺21, Lu21a]. **Sustainable** [SAB22]. **SVE** [CRRS21]. **SW** [KSSMRB23, MSZB19]. **SweRV** [Ano23f]. **Switched** [ZLP⁺16, LZW⁺15, MSFK21, ZLP⁺15]. **Switched-Capacitor** [ZLP⁺16, LZW⁺15, MSFK21, ZLP⁺15]. **Switching** [HGTD20, ZLP⁺16]. **SWUpdate** [SCL⁺21]. **SX** [GMFC23, VMFL23]. **SX-Aurora** [GMFC23, VMFL23]. **Symbolic** [BHD23, TZG⁺23]. **Symposium** [BBd17, IEE21, IEE23, TBL19]. **Synchronization** [DAKK19]. **Synthesis** [GRD22, MMGC20, NSM⁺23]. **Synthesizable** [LCG⁺23, RZAH⁺19b]. **Synthesized** [RZAH⁺19a]. **System** [Ano22, BKS22, BWZ⁺21, GMS⁺23, GAO21, GPL22, HWJ23, HWG22, ILG19, JS23, KAR⁺19, KM21, LRF⁺21, LHD⁺21, LCF23, LXC23, LZH20, Lu22, MSSS23, MTCL21, MLD⁺23, MSDM23, Mis22, MGZ⁺23, NBT22, NRLH22, RLL⁺21, RHD⁺23, SMB17, SAW⁺20, TDPD⁺21, VOK⁺22, WSMRM20, WTZ⁺20, WDM22, WGZ⁺23, YLT⁺23, YLT22, ZPRD22, ZZB⁺20, ZSM21, ZBA⁺20, ZC23, DGA⁺17, GG18, HGPD20, SJYZ22, WWZL17, ZZW⁺19, CKTG21, CYJ⁺22, CRP⁺23, DNN23, HYWP⁺19, HZS⁺19, KSSMRB23, KCHYM19, MSDM23, NKH⁺21, RSR20, SLK⁺21, SML⁺22, SMMD23, ZNF21]. **System-Aware** [SMB17]. **System-Level** [GMS⁺23, HGPD20]. **system-on-chip** [DGA⁺17, CKTG21, CYJ⁺22, CRP⁺23, DNN23, HYWP⁺19, HZS⁺19, KSSMRB23, KCHYM19, MSDM23, NKH⁺21, RSR20, SLK⁺21, SML⁺22, SMMD23, ZNF21]. **Systematic** [HGD⁺19]. **Systems** [APHD21b, APSH⁺22, dAGM23, HJ23, JK20, KG22b, KLP⁺20, KRR22, KSRT23, LNA21, MKC23, NAL22, RKRF21, RCS⁺19, SMP22, SLZ⁺20, SAB22, WMA⁺21, ZHX⁺22, SFAAL22, TCL⁺21, ZG22]. **T** [CSM⁺21, LWD20, MMR⁺17]. **Table** [AS22]. **TAIGA** [MS17]. **TailoredCore** [GGÁARG⁺21]. **Target** [KHS⁺23]. **Targeted** [HCP⁺21]. **Targeting** [And20, BWZ⁺21, KSRT23, FTRH20]. **Task** [APSH⁺22]. **tasking** [BKS22]. **TCP** [TL22]. **TCP/IP** [TL22]. **Teaching** [GVT⁺22, ZTC21]. **Teaching-Oriented** [GVT⁺22]. **Tech** [Szk21]. **Technique** [POMD22]. **Techniques** [CCA⁺18a, dOK23]. **Technology** [CCC⁺22, DCC⁺23, GG18, ZB19]. **TEE** [SNOT20, YXH20]. **Telemetry** [CDF⁺20]. **TeleVM** [LCW⁺24]. **Temperature** [TLB⁺22]. **Tensor** [DEA⁺21, DtEt22]. **Teraflops/W** [SB23]. **Tesla** [TSW⁺23]. **Test** [AAA⁺21, CKK⁺18, DKT⁺23, MKM20, TH22, TTDD21]. **Testability** [AAB⁺23]. **Testing** [AAC⁺23, BHGD21, CXLL22, HGLD19, HGD20a, HGJD20, HTGD21, JRW⁺23, RHGD21, RCS⁺19, SML⁺22, WW19, WWB23, dOK23, MRGRCR⁺21a]. **Tests** [BFC⁺23, TZS⁺21]. **Textbook** [HH21]. **their** [WSG⁺21]. **Theoretic** [KA20, NDZ⁺21]. **Thermal** [OBB⁺24, VMO⁺22, VMO⁺23]. **Things** [DGA⁺17, SCR⁺17]. **Thousand** [DEA⁺21]. **threaded** [OCC⁺17]. **Threading** [BCM⁺21]. **Three** [ZZZ21]. **Three-stage**

[ZZZ21]. **Threshold** [GST⁺17, UD20, WCL23]. **Throughput** [DNN23, VKG22]. **Thwarting** [BR24]. **Tiered** [DXT⁺18]. **Tightly** [CMV21, GKB⁺22, GTCS21, ZLP⁺15]. **Tightly-Coupled** [GKB⁺22, CMV21]. **tightly-integrated** [ZLP⁺15]. **TIGRA** [GTCS21]. **Tile** [KG22a, KG22b]. **Tile-Based** [KG22a]. **Tiles** [GCL⁺23]. **Time** [HSWM23, IZG22, KFGH⁺23, LHD⁺21, LHC⁺21, MSDM23, NNPG23, PLH⁺22, WBH⁺18, WBH⁺19, ZHX⁺22, ZHLR22, APSH⁺22, BB21, HCL⁺21, LCF23]. **Time-Memory** [ZHLR22]. **Time-Triggered** [NNPG23]. **Timer** [EHK20]. **Timescales** [KCZ⁺17]. **Timing** [Bis21, BWP22, GCCR21, GCR⁺23, LHT⁺21, NNPG23, UD20, VKG22, WSG⁺21]. **Timing-Instructions** [NNPG23]. **Tiny** [GVT⁺22, NBT22, BPM⁺21]. **Tiny-FPU** [BPM⁺21]. **Tissue** [AMG⁺20]. **TL** [MKVD23]. **TL-Verilog** [MKVD23]. **TLB** [PKN⁺20]. **TMR** [WW21, WWB23]. **Tolerance** [DKA⁺22, RMP⁺19, SMGS22, JS23]. **Tolerant** [BCM⁺21, SLZ⁺20, SML⁺22, SMMD23, SR22, SUAR23, VSD22, WW19, dOK23]. **Tool** [AMRCP21, PFD21, RBK18, MG22, Sah23, SCA⁺22]. **Toolchain** [TZS⁺21]. **Tools** [DRN⁺23, MSJ19]. **Toolset** [HMJ22]. **TOPS** [NRB⁺23]. **TOPS/W** [NRB⁺23]. **Torus** [KG17]. **Tournament** [CSM22]. **TPM** [BCZ21b, SJBS21]. **TPU** [Pat18]. **Trace** [HWG22, KGBH22, KKEG22, ZPRD22]. **tracing** [BPS⁺23]. **Tracking** [PDLC18, SS19, WGZ⁺23]. **Trade** [MTJ⁺22, RRC⁺20, ZHLR22]. **Trade-off** [MTJ⁺22]. **Trade-Offs** [RRC⁺20, ZHLR22]. **traffic** [SJYZ22]. **Training** [BPF⁺22, GPV⁺22, GTP⁺22, LCN⁺23]. **Transactions** [SLMS21]. **Transceivers** [KKH⁺20]. **Transducers** [FdRES23]. **Transform** [KA20, NDZ⁺21]. **Transformer** [JHLD21]. **Transformers** [MKB⁺23]. **Transient** [YLC21]. **transistor** [AFP⁺17]. **Transition** [TZG⁺23, TDH⁺23]. **translation** [TOYK22]. **Translator** [RSS⁺21]. **Transmission** [Suv21b]. **Transparently** [LKHK23]. **Transport** [Suv21a]. **Transprecision** [MSZB19]. **TriCheck** [TML⁺17a, TML⁺17b, TML⁺17c]. **Triggered** [NNPG23]. **Trigonometric** [GZC22, NKH⁺21]. **Triple** [HJ23]. **Triple-Level** [HJ23]. **Trisection** [TML⁺17a, TML⁺17b, TML⁺17c]. **Trojan** [DCM23, PGTD23]. **Trojan-D2** [PGTD23]. **Trojan-ing** [DCM23]. **Trojans** [ARH⁺22, DCM23, PGTD23]. **True** [ZNF21]. **Trust** [SJBS21]. **Trusted** [AVS⁺22, BCZ21a, CDW⁺24, HDT⁺20, MCL⁺21, SNOT21, USQ⁺22]. **TrustZone** [SNOT21]. **try** [Chi23]. **TS** [SNOT21]. **TS-Perf** [SNOT21]. **tuning** [YCL⁺23]. **Turna** [Sah23]. **Tutorial** [Ano22, GG18]. **TVM** [CLC⁺20, YCL⁺23]. **Type** [BDdD19a, KK23]. **Typed** [KKK⁺17a, KKK⁺17b, KKK⁺17c]. **UAV** [KMB22]. **UEFI** [Zha22]. **UK** [BBdD17]. **Ultra** [ABP22, ERGK21, GRC⁺19, KMB22, PCL⁺23, TBR⁺22, VTS⁺23, ZSB20, ZWL⁺20, CPL⁺24, SCR⁺17]. **Ultra-efficient** [ZSB20]. **Ultra-Low** [ABP22, KMB22, PCL⁺23, CPL⁺24]. **Ultra-Low-Power** [TBR⁺22, ERGK21, VTS⁺23, ZWL⁺20, SCR⁺17]. **Ultraefficient** [ZSB21]. **Ultralow** [PPYB23]. **Ultralow-Power** [PPYB23]. **UltraScale** [dOK23, SFGB20]. **Undergraduates** [MSJ19]. **Unified** [HSE⁺24]. **Uniform** [HZS⁺19]. **Unifying** [EHK20]. **Unit** [AVS⁺22, AvAG21, BPF⁺22, CRRS22, CTSG22, GKB⁺22, ISM⁺23,

LYZH20, MSZB19, MC22, MSSS23, MAS18, MST+23, PS22b, QCL+23, SMB17, ZHX+22, ZSM21, EHN23]. **United** [IEE23]. **Universal** [LLS22]. **Unlock** [Smi24]. **Unprivileged** [WA21]. **Unprotected** [DG22, FvHC+23]. **Unum** [BDdD19b, BDdD19a]. **Updates** [SCL+21]. **Upsets** [BWZ+21]. **Usage** [LVR+20]. **Use** [MDPM24, Szk21]. **user** [CLM+22]. **user-level** [CLM+22]. **Using** [BDdD19a, DAKK19, FSMU21, GJC23, HCP+21, IFO+18, JZWL23, KKH+20, KGBH22, KFGH+23, KK23, LYL23, MSSS23, MAS18, POMD22, RSA+23, RMF22, SLMS21, TBK+19, VKG22, WWX+24, XYT+22, XYT+23, ZZB+20, AFP+17, BPS+23, BHD23, CSM22, GG18, GLS21, HGD20b, JSB20, JRW+23, KSAL21, LCCS21, LLS22, MKM20, PLSK20, SFGB20, SSD+22, WW21, ZGD22]. **Utilization** [SZHB21, ZHL+23]. **Utilizing** [JHL+21, MTT21]. **UVM** [LLS22, BMM+20, CWD+21, WTZ+20].

V [And20, Ano23b, BDdD19b, BFC+23, CKTG21, Cho19, EHK20, GBP21, KFGH+23, MTAL22, PRS+15, PCW+22, TLB+22, VKG22, WY23, dOK23, ABC+20, AAA+21, ASE+21, AKMS20, AKMS21, AS22, APHD21a, APHD21b, APHD22, APSH+22, AEAS21, AvAG21, AS18, AAC+23, AFP+17, ABP22, AAB+23, And20, AHB20, ABM+23, ARH+22, Ano20, Ano22, Ano23a, Ano23c, Ano23d, Ano23f, Ano23g, Ant22, AMRCP21, AMG+20, AS24, AP14, ABW+20, ABW+21, AWB+23, ADF+23, ASH19, AHV+21, AYA+23, BKS22, BBV+23, BSSW21, BSZ+21, BWZ+21, BSZ+24, BHR+18, BRH+19, BB21, BMM+20, BCM+21, BJN23, Bar20, BFP+22, BKdLSGL23, BCCM21, Ben23, BPM+21, BPF+22, BZVCB23, BBVB20, BP21, Bor23, BPS+23, BWP22, BCZ21a, BCZ21b, BF23, BR24, BHGD21, BHD23, BHT+21,

BGVB18, CCC+22, CIPR21, CTN18, CXLL22, CCC+19, CGG21, CG23, CDF+20]. **V** [CDP+22, CRMR+23, CMV21, CSZ+20, CV22, CPWG23, CLC+20, CXL+20a, CXL+20b, CWD+21, CLWL21, CKTK22, CYJ+22, CKTK23, CPLS23, CWS+24, Chi23, CCA+18a, CCA+18b, Cho18, CPL+24, CSM22, CAL23, CKK+18, CKP19, COMP19, Cil21, CRRS21, CRRS22, CPG+23, CRP+23, CTSG22, CLW23, CSO+23, DNKDN+24, DAHK20, DHL+21, DNN23, DUM+19, DBP21, DXT+18, DBGJ19, DBGJ20, DG22, DGH19, DAPS21, DCM23, DCEJ21, DYZ+22, DPV+17, DDM+20, DPP22, DKC+21, DL17, DKT+23, DZZZ23, DCC+23, DRN+23, DXYZ19, DK23, DAK+21, DKA+22, Dos19, DLMP21, DCL23, DFA+23, DRC+16, DGA+17, DWG+20, DMR+20, EAI19, EAM+22, EMMB19, EAMK21, EKAK22, EEI+18, ELG20, ETR+20, ET21, EHN23, EGBS22, FSPB21, FDS+23, FHY19, FFW20, FWZL19, FHL+22, FdRES23, FKS22, FTRH20, FGD+19, FRC+18, FvHC+23, FSMU21, FSMG+19, FSS20, FHD22, FAPHD23, FDMM22]. **V** [GM21, GZ22, GZC22, GCL+23, GMS+23, GRCRCG+20, GRC+19, GTC+20, GTC+21a, GTC+21b, GPV+22, GTP+22, GGH+22, GST+17, GDR+22, GXLW22, GAMG+23, Gen24, GWZS23, GKB+22, dAGM23, GMK+23, GAO21, GG18, GAE+23, GMV20, GMFC23, GGÁARG+21, GZK+21, GPL22, GRD22, GLS21, GTD+23, GVT+22, Gra16, GTCS21, Gre20, GCCR21, GCR+23, GYW+23, GJC23, GSDB18, GFB+24, HYML23, HBSE22, HYWP+19, HWJ23, HJ23, HSR+23, HHB23, HH21, HVW+21, HCP+21, HH22, HHTo23, HK20, HYXW22, HSL+23, HSWM23, HCW23, HLHK19, HMJ22, HMJ24, HGLD18, HGLD19, HGD+19, HGTD20, HGD20a, HGJD20, HGD20b, HGPD20, HGTD21, HTGD21, HSEKD21, HMTL21, HDT+20,

HHB⁺¹⁹, Hor²⁰, HUL⁺²², HCZ²¹, HWG²²,
 HH²³, HCL⁺²¹, HM²¹, IK^{21a}, IVZV²⁰,
 ISM⁺²³, ILG¹⁹, IFO⁺¹⁸, IK^{21b}, IZG²²,
 JBK²³, JSB²⁰, JHL⁺²¹, JZWL²³, JHLD²¹,
 JRD⁺²³, JHQ²³, JRW⁺²³, JK²⁰, JS²³,
 KSAL²¹, KIS²⁰]. **V**
 [KIS²², KAR⁺¹⁹, KHG²⁰, KG^{22a}, KG^{22b},
 KK²¹, KFK⁺¹⁹, KM²¹, KA²⁰, KFS²²,
 KSFS²⁴, KSSMRB²³, KNK⁺²¹, KCZ⁺¹⁷,
 KEAS⁺¹⁸, KKH⁺²⁰, KLP⁺²⁰, KS²²,
 KKOY¹⁹, KG^{22c}, KRR²², KYDÖ²¹,
 KHH²², KAMS¹⁹, KGBH²², KHS⁺²³,
 KMS²², KSRT²³, KCGL²³, KZH²²,
 KMB²², KKEG²², KCHYM¹⁹, KFGH⁺²³,
 KGHRM²³, KK²³, KKE⁺²², LCCS²¹,
 LRF⁺²¹, LBDPP¹⁹, LHD⁺²¹, LHD⁺²²,
 LF²², LWA⁺¹⁴, LZW⁺¹⁵, LWC⁺¹⁶,
 LCYK²⁰, LPB⁺²¹, LHC⁺²¹, LKKK²²,
 LCN⁺²³, LKHK²³, LYZH²⁰, LWC¹⁸,
 LSB²², LGB¹⁷, LHC¹⁹, LWD²⁰, LHT⁺²¹,
 LCG⁺²³, LCF²³, LMP²³, LYL²³, LWLA²³,
 LCW⁺²⁴, LXC²³, LVR⁺²⁰, LNA²¹, LPZ¹⁹,
 Liu²¹, LPL²², LHK²³, LNZ⁺²², LLS²²,
 LVPSB⁺²³, LZH²⁰, LLL⁺²¹, Lu^{21b}, Lu^{21a},
 Lu²², LNB⁺²³, LRB¹⁸, MCL⁺²¹, MCL²²,
 MLPH²³, MSZB¹⁹, MKČ²³, MKM²⁰, MC²²,
 MSSS²³, MMD^{+22a}, MMD^{+22b}, MMD^{+22c},
 MSP²³, MMGC²⁰, MTCL²¹, MLD⁺²³,
 MG²², MR²², MPP²¹, MFM⁺¹⁹, MTT²¹,
 MS¹⁷, MAS¹⁸, MSJ¹⁹]. **V** [MB¹⁶, MST⁺²³,
 MZZG²², MMR⁺¹⁷, MSR⁺²¹, MSD⁺²²,
 MSDM²³, uhMSI¹⁹, MKB⁺²³, MPU⁺²³,
 MKVD²³, Mis²², MGZ⁺²³, MRSBGR⁺²⁰,
 MRGRCR^{+21a}, MRGRCR^{+21b}, MRAM⁺²³,
 gMCP¹⁹, MDR¹⁹, MTJ⁺²², MRB⁺²³,
 MRB⁺²⁴, MSFK²¹, MČB²², MMA⁺¹⁸,
 NRB⁺²³, NRA⁺²², NNPG²³, NDZ⁺²¹,
 NWP⁺²³, NAL²², NHML⁺²², NKH⁺²¹,
 NBT²², NGS²⁰, NKTS²³, NPA⁺²³,
 NSM⁺²³, NRLH²², OPY⁺¹⁸, OCMP¹⁹,
 OCC⁺¹⁷, OGT⁺²⁰, OBSB²³, OBB⁺²⁴,
 PSS²³, PDLC¹⁸, PS^{22a}, PLH⁺²², PKN⁺²⁰,
 PKL²¹, PJJ²¹, PKC⁺²⁰, PKKK²²,
 PCL⁺²³, PHC⁺²³, PAPJ⁺²³, PGTD²³,
 PNSD²⁰, PW^{17a}, Pat¹⁸, PACB²¹, PPS⁺¹⁹,
 PH¹⁸, PFD²¹, PCW⁺²², PCO⁺²³,
 PGW⁺²⁰, PMKZ²², PPYB²³, PRP⁺²³,
 PGZMG²¹, POMD²², PLSK²⁰, PSZMM²¹,
 PNG²⁰, PS^{22b}, PSM²³, PMBA¹⁹, PNV²²,
 QCL⁺²³, QLH²¹, QYZ²¹, QLC²⁰, RSR²¹,
 RRJ⁺²¹, RSR²⁰, RCMQO²⁴, RHS⁺²²,
 RKH⁺²³, RAPK²³, RRC⁺²⁰, RPD⁺¹⁵,
 RPSD¹⁶, RSA⁺²³, RMF²²]. **V**
 [RKRF²¹, RBK¹⁸, RLL⁺²¹, RSS⁺²¹,
 RHGD²¹, RMP⁺¹⁹, RK²³, RMR²¹,
 RSM⁺²³, RPA²², RZAH^{+19b}, RZAH^{+19a},
 RFS²⁰, RCS⁺¹⁹, RHD⁺²³, SGP⁺²³, SEM¹⁹,
 SMP²², SVM⁺²³, SNM²², SG²³, SJR⁺²³,
 Sah²³, SUM²³, SNH²², SGCGR¹⁷, SSS⁺²²,
 SFAAL²², SLZ⁺²⁰, SLK⁺²¹, SML⁺²²,
 SMMD²³, SSB²², SAF⁺²³, SC¹⁷, SLBJ²³,
 SBJ²¹, SMB¹⁷, SAB²², SED⁺²³, SCR⁺¹⁷,
 SSR⁺¹⁸, SRD⁺²¹, SAW⁺²⁰, SWW⁺²¹,
 SWW⁺²², SZHB²¹, SJER²³, SSD⁺²¹,
 Sew²¹, SMGS²², SJM⁺²⁰, SJP⁺²³, SMJ²¹,
 SS¹⁹, SWWL²³, SR²², SUAR²³, SSB⁺¹⁹,
 SCA⁺²², SFGB²⁰, Smi²⁴, SB²³, SJYZ²²,
 SCM⁺²¹, SPDLP⁺²², SLB⁺²², SCL⁺²¹,
 SS²², SJBS²¹, SMOM¹⁹, Su²⁰, Su²¹, SAB²⁴,
 SNK²², SLCK²¹, Suv^{21a}, Suv^{21b}, SNOT²⁰,
 SNOT²¹, SLMS²¹, SKK⁺²², SSD⁺²², Szk²¹,
 TTB²², TS²⁰, TMR⁺¹⁹, TBSh²², TLS²²,
 TT²², TBS⁺²¹, TZPL²¹, TH²², TZS⁺²¹,
 TZ²², TZG⁺²³, TGMD²⁰, TGMD²¹]. **V**
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 TSS⁺²², TGRK¹⁹, TGRK²¹, TGT⁺²³,
 TAC⁺²², TSABTM²⁰, TBR⁺²², TCL⁺²¹,
 TTDD²¹, TDH⁺²³, TBK⁺¹⁹, TL²², TCH²³,
 TOYK²², TA²², USQ⁺²², UD¹⁸, UD²⁰,
 VTS⁺²³, VROdiT²², VMO⁺²², VMO⁺²³,
 VSD²², VMFL²³, WSMRM²⁰, WRD⁺¹⁷,
 WWZL¹⁷, WBH⁺¹⁸, WT¹⁹, WZW⁺¹⁹,
 WBH⁺¹⁹, WTZ⁺²⁰, WZW⁺²¹, WLW⁺²¹,
 WLY⁺²², WDM²², WWGW²³, WWW²³,
 WLI²³, WWX⁺²⁴, WTS²¹, WLA⁺¹³,
 WA²¹, WAH²¹, WYK²¹, WCGL²³,
 WMGD²³, WSUM¹⁹, WMA⁺²¹, WMR⁺²²,
 WW¹⁹, WW²¹, WWB²³, WSG⁺²¹,

WSK⁺²⁰, WXY⁺²², WHB⁺²², WLC²²,
 WTY⁺²³, WCL²³, WGZ⁺²³, XZW⁺²²,
 XLZ²³, XHY⁺²⁰, XYT⁺²², XYT⁺²³,
 YBR⁺²³, YNYD²³, Yan²⁰, YLC²¹, YCL⁺²³,
 YLT⁺²³, YTL⁺²³, YYM²¹, YTO²¹, YXH²⁰,
 YLT²², YWZL²², YYP⁺²², ZLC¹⁹, ZB¹⁹,
 ZSB²⁰, ZSB²¹, Zee²², ZTC²¹, ZPRD²¹,
 ZPRD²², ZPRD²³, ZBZ⁺²³, ZHC⁺¹⁸,
 ZZW⁺¹⁹, ZWL⁺²⁰, ZGL⁺²¹, ZZG²¹,
 ZZZ²¹, ZGMD²², ZGD²², Zha²², ZHX⁺²²].
V [ZHLR²², ZGG²³, ZZZ⁺²³, ZCH⁺²³,
 ZXXH²², ZKS⁺²³, ZUSK²³, ZZQ²¹, ZCH²²,
 ZXX⁺²³, ZSM²⁰, ZSM²¹, ZS²³, ZJX²⁰,
 ZHL⁺²³, ZBA⁺²⁰, ZLP⁺¹⁵, ZCNA¹⁶,
 ZLP⁺¹⁶, ZCNA¹⁷, ZG²², ZPL⁺²³, ZNF²¹,
 ZZL⁺²², ZC²³, dOTB⁺²⁰, dOK²³].
V/Tensor [DEA⁺²¹, DtEt²²]. **V1** [Ano^{23g}].
V3 [RKRF²¹]. **Validating** [NSM⁺²³].
Validation [AAC⁺²³, CKP¹⁹, TH²²].
Value [TBS⁺²¹]. **variability** [TLS²²].
Variable [BDdD19a, GFB⁺²⁴, MAS¹⁸,
 RSR²¹, YTL⁺²³]. **Variable-Length**
 [MAS¹⁸]. **Variable-Precision** [BDdD19a].
variant [Ano²⁰]. **Vector** [AEAS²¹,
 AvAG²¹, ADF⁺²³, BKdLSGL²³, CCC⁺²²,
 CSZ⁺²⁰, CV²², CSM⁺²¹, CXL^{+20a},
 DFA⁺²³, ISM⁺²³, JRD⁺²³, JK²⁰, KKOY¹⁹,
 KZH²², KFGH⁺²³, LMP²³, LPL²², MC²²,
 MKB⁺²³, MPU⁺²³, PNSD²⁰, PCW⁺²²,
 PCO⁺²³, PCA⁺²⁴, PGZMG²¹, RSR²¹,
 RMF²², SAW⁺²⁰, SWW⁺²¹, SWW⁺²²,
 SPDLP⁺²², Su²¹, WSK⁺²⁰, XHY⁺²⁰,
 ZHC⁺¹⁸, ZKS⁺²³, ZLP⁺¹⁶, GAE⁺²³,
 GMFC²³, KMS²², LWA⁺¹⁴, LZW⁺¹⁵,
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Vector-Instruction [ZHC⁺¹⁸]. **Vectorized**
 [BKdLSGL²³]. **Vectorizing** [CRRS²¹].
Vehicles [CRMR⁺²³, Ben²³]. **Verification**
 [ASE⁺²¹, APHD^{21a}, AAC⁺²³, BHD²³,
 CAL²³, DDM⁺²⁰, DKT⁺²³, DMR⁺²⁰,
 FAPHD²³, GM²¹, HGJD²⁰, HZS⁺¹⁹, IK^{21a},
 JRD⁺²³, KHS⁺²³, LLS²², MMA⁺¹⁸,
 OCMP¹⁹, QYZ²¹, RHGD²¹, RMR²¹,
 RCS⁺¹⁹, SSR⁺¹⁸, TML^{+17a}, TML^{+17b},
 TML^{+17c}, WTZ⁺²⁰, WMGD²³, WGZ⁺²³,
 ZPRD²², ZZZ²¹, ZNF²¹, CWD⁺²¹,
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 [TMK⁺¹⁶]. **Verifying** [TZG⁺²³]. **Verilog**
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VHDL [PMKZ²²]. **via** [dAGM²³].
Vibration [MGZ⁺²³]. **Virtex** [SFGB²⁰].
Virtex-7 [SFGB²⁰]. **Virtex-UltraScale**
 [SFGB²⁰]. **Virtual**
 [BWP²², FHD²², HGLD¹⁸, HGLD¹⁹,
 HGTD²⁰, HGD^{20b}, HGTD²¹, LCW⁺²⁴,
 ZWL⁺²³, HGPD²⁰, IEE²¹, IEE²², KKC⁺¹⁶].
Virtualization [DK²³, MTJ⁺²², SMP²²,
 SVM⁺²³, CLM⁺²²]. **Visible**
 [SLB⁺²², ZSM²⁰]. **Vision** [LRF⁺²¹].
Visual [SED⁺²³]. **Vitamin** [AAC⁺²³].
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vMCU [MST⁺²³]. **Vmin** [ZCNA¹⁶].
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Vulnerability [KNK⁺²¹, GYW⁺²³].
Vulnerable [AHV⁺²¹, HVW⁺²¹]. **VVT**
 [AAC⁺²³].
W [CRP⁺²³, GZK⁺²¹, LWA⁺¹⁴, NRB⁺²³,
 SB²³]. **Wally** [HHTo²³]. **WasmAndroid**
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