

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

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Title word cross-reference

#1 [Ano22].

$19\mu W$ [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]. **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**

- [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]. **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]. **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, 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, PLSK20, SB23, Su21, VMFL23, WZW⁺21, Yan20, KMS22, SCM⁺21, WWW23]. **Accelerator** [AEAS21, ABW⁺20, AWB⁺23, BCCM21, BDdD19b, CCC⁺19, DNN23, DXT⁺18, DYD⁺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]. **Accuracy** [CLR⁺21b, CLR⁺21a, RRC⁺20, LGB17]. **Accurate** [BHT⁺21, HGTD20, HGD20b, uhMSI19]. **Achieving** [SZHB21]. **acoustic** [SGCCGR17]. **Active** [PKC⁺20]. **Adaptive** [CPG⁺23, CRP⁺23, HGTD20, 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, MCB22, 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]. **Analyzing**
 [WSMRM20, YLC21]. **Android** [WWN23].
- ANDROMEDA** [MSR⁺²¹]. **ANN**
 [ZGMD22]. **ANN-based** [ZGMD22].
- AnniKaCore** [ZGL⁺²¹]. **Anomaly**
 [BPS⁺²³, PCL⁺²³]. **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, 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, NBT22, Suv21a, ZCH⁺²³, PRP⁺²³]. **Approaches**
 [HSEKD21]. **Approximate**
 [LGB17, SMOM19, VSD22].
- Approximations** [FFW20]. **Ara**
 [PCW⁺²², CSZ⁺²⁰]. **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, HH21, HCP⁺²¹, HH22, HMJ23, HMJ24, JSB20, KHG20, KG22a, KG22b, KA20, KNK⁺²¹, KKH⁺²⁰, LCCS21, LF22, LWC18, LHC19, 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, DPV⁺¹⁷, HP18, KSAL21, KHH22, Lu21a, Pat18, PRP⁺²³, RPSD16, 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, TBL19].
- ARITH-26** [TBL19]. **Arithmetic**
 [BBdD17, CLR^{+21b}, CLR^{+21a}, GD19, IEE21, IEE22, SJM⁺²⁰, TBL19]. **ARM**

[AMRCP21, CRRS21, EHK20, ELG20, FTRH20, IVZV20, KS22, KKE⁺²², LF22, NGS20, RFS20, RMP⁺¹⁹, SNOT21]. **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** [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]. **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]. **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, ASH19, BCCM21, BHT⁺²¹, CWD⁺²¹, Cil21, DBP21, DZZZ23, DRC⁺¹⁶, DGA⁺¹⁷, EAI19, FSGM⁺¹⁹, GRCRCG⁺²⁰, GTC^{+21a}, GGH⁺²², GBP21, GGÁARG⁺²¹, GLS21, HYXW22, HSL⁺²³, HGD⁺¹⁹, HTGD21, HUL⁺²², IZG22, KG22b, KM21, KSSMRB23, MRSBGR⁺²⁰, MRGRCR^{+21a}, MRGRCR^{+21b}, MSFK21, NRA⁺²², NKH⁺²¹, NBT22, RKH⁺²³, RLL⁺²¹, RMP⁺¹⁹, RPA22, RFS20,

- SGCGCR17, SFAAL22, SSD⁺21, 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]. **be** [AP14]. **Behaviour** [BPS⁺23]. **Benchmark** [MRAM⁺23]. **Benchmarking** [CGG21]. **Berkeley** [Ano23a]. **Best** [DMR⁺20, KRR22]. **Between** [HGTD20, EHN23, IK21a]. **Biasing** [CPG⁺23, CRP⁺23]. **Binaries** [HGLD19]. **Binary** [KCGL23, KGHRM23, RSS⁺21]. **Bit** [BSSW21, JSB20, KS22, KAMS19, LCG⁺23, MLPH23, MZZG22, NHML⁺22, PCO⁺23, PMKZ22, QLC20, RSR21, ZB19, 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-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** [Ano23a, 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]. **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** [MRGRCR⁺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, PS22b]. **CAN-FD** [PS22b]. **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** [Ano23g]. **Center-Class** [Ano23g]. **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, Bis21, GYW⁺23]. **Channels** [JHQ23, WSG⁺21]. **Characteristics** [Lu21b, 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, 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]. **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, 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, 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, HGD20c, HTGD21]. **Components** [ABC⁺20]. **Composable** [ZWB19]. **compressed** [KK21]. **Compressor** [IVZV20]. **Compromising** [Bis21]. **Computation** [uhMSI19]. **Computational** [MST⁺23]. **Computations** [Ant22]. **Compute** [CKTK22, CKTK23, DAKK19, GTP⁺22, LCG⁺23, SZHB21]. **Computer** [Ano22, BBdD17, HH21, HCP⁺21, HH22, IEE21, IEE22, KG22c, LF22, MSJ19, MKVD23, 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, 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, KEAS⁺18, PKN⁺20, RRJ⁺21, TGRK21, ZS23, HYXW22].

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, ZPRD23]. **control-flow** [PKKK22]. **Controlled** [AWB⁺²³, FFW20, SNH22]. **Controller** [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, 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, 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, YTÖ21, 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]. **Cost** [BPM⁺²¹, DCL23, RKH⁺²³, RMR21, SG23, SLZ⁺²⁰, ZB19, HWG22, RAPK23]. **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]. **Cross-layer** [VOK⁺²²]. **Cross-Level** [HGJD20]. **Cross-Platform** [WWN23]. **Crypto** [RFS20]. **Cryptographic** [Bis21, DHL⁺²¹, HDT⁺²⁰, MLPH23, MCB22, SNK22, TDH⁺²³, ZWL⁺²³]. **Cryptography** [dAGM23, KGHRM23, 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⁺²³, CWS⁺²⁴, DFA⁺²³, HHB23, LHC19, LMP23, MRB⁺²³, NKH⁺²¹, SNH22, Su21, 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** [HMJ23, HMJ24]. **Datapaths** [VROdlT22]. **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]. **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, CTSG22, DXT⁺¹⁸, DYB⁺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, LYB23, LHK23, LLS22, LZB20, LLL⁺²¹, Lu22, MCL22, MLPH23, MSSS23, MZZG22, uhMSI19, NKTS23, NSM⁺²³, NRLH22, OPY⁺¹⁸, OCMP19, PDLC18, PKC⁺²⁰, PAPJ⁺²³, PGTD23, 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, MSJ19]. **Designs** [CPWG23]. **Detection** [GKB⁺²², HSWM23, HUL⁺²², HCL⁺²¹, LRF⁺²¹, LHD⁺²¹, LHC⁺²¹, LCF23, LXC23, PCL⁺²³, PGTD23, UD20, 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, EHN23, HCW23, SNM22, Suv21a, SKK⁺²², ZCH⁺²³, Bar20, PKL21]. **Developments** [AAB⁺²³]. **Device** [Lu21b, SB23, WHB⁺²²]. **Devices** [ASH19, CWS⁺²³, 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, 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, WCGL23, Yan20, GRC⁺19, SCM⁺21, WTY⁺23, Raj21, CV22]. **Edge-AI** [CV22].

Edge-Computing [CSM⁺21]. **Edition** [HH22]. **Education** [HCP⁺21, MSJ19, MKVD23]. **Educational** [SUM23]. **EEG** [LCF23]. **EEG-based** [LCF23]. **Effect** [AKMS20, CLWL21]. **Efficiency** [CPWG23, CLR⁺21b, CLR⁺21a, dAGM23, MAS18, LGB17, WWZL17]. **Efficient** [AHB20, BZVCB23, CSZ⁺20, DFA⁺23, DWG⁺20, EGBS22, GTC⁺21a, GTC⁺21b, HMJ23, HMJ24, HGJD20, IK21b, KIS22, KSRT23, LCN⁺23, MLD⁺23, MKB⁺23, MPU⁺23, PCW⁺22, 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⁺23, 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, ZZG21, ZGMD22, ZGD22, ZHX⁺22, Ano20, DZZZ23, GAE⁺23, KKC⁺16, MP20a, MP20b, SFAAL22, ZJX20]. **Emission** [SG23]. **Emoji** [BJN23]. **Emotion** [LCF23]. **Empiricism** [SJM⁺20]. **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]. **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⁺23, CWS⁺24, GST⁺17]. **Energy** [CSZ⁺20, CPWG23, DWG⁺20, ET21, FGD⁺19, GTC⁺21a, GTC⁺21b, HMJ23, HMJ24, HCL⁺21, KIS22, KSRT23, MTT21, MKB⁺23, MRAM⁺23, SNH22, WT19, ZB19, WWZL17]. **Energy-Efficient** [CSZ⁺20, DWG⁺20, HMJ23, 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, OCMP19, SNK22, SNOT21, BMM⁺20]. **Environments** [AVS⁺22, SMMD23, SGCGCR17]. **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]. **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, FKS22, VMFL23]. **Even** [Szk21]. **Event** [BWZ⁺21, CLWL21, EGBS22, MST⁺23, MRB⁺23, Suv21b].
Event-Based [MST⁺23]. **Event-Driven** [MRB⁺23]. **Everyone** [RBK18]. **Exa** [TSW⁺23]. **Exa-Scale** [TSW⁺23]. **Exact** [KBBA17]. **Executed** [ZPRD23].
Execution [AVS⁺22, BCZ21a, BHD23, 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, PGZMG21, RBK18, SG23, PJL21]. **Exposed** [HMJ23, HMJ24].
Exposing [TBS⁺21]. **ExSdotp** [BPF⁺22].
Extend [WZW⁺19]. **Extended** [GM21, JHLD21, KK23, MR22, SED⁺23, TCL⁺21, WLI23, GMS⁺23, HYXW22].
Extending [AS18, AHB20, FSS20, PS22b, PMBA19, TEYK21, TYEK21, VROdT22, ZPRD21].
Extensible [HGLD18]. **Extension** [ABP22, AHV⁺21, BPF⁺22, CLC⁺20, CXL⁺20a, DAHK20, DCL23, GZC22, 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** [CRS21]. **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, SMP22, WMA⁺²¹]. **Five** [PMKZ22, CSM22]. **Five-Stage** [PMKZ22]. **Fixed** [Liu21, YCL⁺²³]. **Fixed-point** [Liu21, YCL⁺²³]. **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, 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, 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, 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, BCZ21a, MS17, MRGRCR⁺21a, 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** [CWS⁺23, CWS⁺24, LMP23]. **future** [AAC⁺23, TCL⁺21].
- 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]. **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]. **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]. **PGCN** [TZ22]. **GPGPU** [ETR⁺20, TEYK21, TYEK21]. **GPUs** [TSS⁺22]. **Grade** [WMA⁺21, WMR⁺22]. **Grain** [NRB⁺23, VROdlT22, WSK⁺20]. **Grained** [SAW⁺20, NKTS23, RSM⁺23]. **granularity** [HYXW22]. **Graph** [DYZ⁺22, 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, GWZS23, GMK⁺23, HVW⁺21, HSL⁺23, HLHK19, KFS22, KEAS⁺18, KYDÖ21, KBBA17, Lu21a, MCL⁺21, uhMSI19, NRA⁺22, NKH⁺21, OBB⁺24, PGTD23, QLH21, RHS⁺22, RSM⁺23, 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]. **Hardware-Assisted** [ZHX⁺22]. **Hardware-In-The-Loop** [OBB⁺24]. **Hardware/Software** [DLMP21, RFS20, ZWL⁺23, HP18]. **Harmful** [PW17b]. **Hart** [USQ⁺22]. **Hash** [LMP23]. **Hawkbit** [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]. **HL5** [MMGC20]. **HLS** [CWD⁺21]. **Home** [LXC23, LZH20, Szk21].
- Home-Brew** [Sz21]. **Homomorphic** [AYA⁺23, PS22a]. **Hoplite** [KG17].
- Horizon** [AAC⁺23]. **Host** [OBSB23]. **Hot** [Sz21]. **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** [MRGRCR⁺21b]. **ICs** [PKC⁺20].
- Identification**
- [FAPHD23, HCL⁺21, KGBH22, MGZ⁺23].
- identifying** [KSAL21]. **IEEE**
- [BBdD17, IEE21, IEE22, TBL19]. **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]. **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, HMJ23, 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, TBLD23, WZW⁺¹⁹, WZW⁺²¹, WLI23, WA21, WAH21, ZPRD22, ZHC⁺¹⁸, ZHX⁺²², ZZL⁺²², HYXW22, PKL21, PKKK22, Pat18, RPSD16, WLA⁺¹³, ZJX20]. **Instruction-Controlled** [SNH22]. **Instruction-Level** [HZS⁺¹⁹, KLP⁺²⁰]. **Instruction-Set** [HMJ22]. **Instructions** [BSSW21, CWS⁺²³, CWS⁺²⁴, GCL⁺²³, KAMS19, KKEG22, LYL23, MMD^{+22a}, NNPG23, PW17b, RZAH^{+19b}, KK21, LSB22, LGB17, PJL21, 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]. **Interconnect** [LLL⁺²¹, EHN23]. **Interface** [GTCS21, KIS20, MST⁺²³, NRA⁺²², OPY⁺¹⁸, 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]. **Intrusion** [LXC23]. **Invasive** [TBLD23]. **Investigation** [OCC⁺¹⁷]. **INVITED** [DGH19]. **IO** [NAL22]. **IOT** [ZPRD21, ASE⁺²¹, ABP22, ASH19, BHT⁺²¹, CTN18, CXLL22, CWS⁺²³, CWS⁺²⁴, CPG⁺²³, CRP⁺²³, 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, FAPHD23, GTC⁺²⁰, GBP21, GMK⁺²³, HGD20c, 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** [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]. **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]. **Leakage-Suppression** [TBK⁺19]. **Learn** [LF22]. **Learning** [AEAS21, FHY19, HSL⁺23, RRC⁺20, SLCK21, SSD⁺22, TBR⁺22, KMS22]. **Left** [AS22]. **LeNet** [FWZL19]. **LeNet-5** [FWZL19]. **Length** [MAS18]. **Level** [CKTK22, CKTK23, DDM⁺20, FAPH23, GMS⁺23, GRD22, HYML23, HJ23, HGJD20, HZS⁺19, MMGC20, RHGD21, WTZ⁺20, WGZ⁺23, YLT22, CLM⁺22, 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, MCL⁺21, MCL22, MLPH23, MLD⁺23, MCB22, 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, OHSB23, PS22a, SGP⁺23, SMOM19, VTS⁺23, ZB19]. **Linux-Capable** [OHSB23, 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, 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, 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, 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]. **Many-Core** [BZVCB23, KHG20, KG22a, OBB⁺24]. **Manycore** [GCL⁺23, KG22b, RZAH⁺19b, RZAH⁺19a]. **Mapping** [APSH⁺22]. **March** [GD19]. **Market** [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, DLMP21, GKB⁺22, KAR⁺19, KG22b, KLP⁺20, MST⁺23, MDR19, NAL22, RRC⁺20, 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, GRCRCG⁺20, KNK⁺21, MTAL22, MST⁺23, DPV⁺17, RPSD16]. **Micro-Architectural** [MTAL22]. **Micro-Architecture** [BP21, KNK⁺21]. **Micro-Controller** [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]. **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**
 [HMJ23, 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},
 TDPPD⁺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, HVW⁺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, PNV22,
 SGP⁺²³, TH22, VROdT22, WTY⁺²³].
Multi-Accelerator [GZK⁺²¹].
Multi-Armed [DKT⁺²³]. **Multi-Core**
 [BBV⁺²³, CXL^{+20a}, EHK20, GZK⁺²¹,
 HWJ23, LRF⁺²¹, SGP⁺²³, TH22, WTY⁺²³].
Multi-Grain [VROdT22]. **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]. **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]. **NanoWatcch** [TLB⁺²²]. **Native**
 [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** [Gre20]. **Next**
 [CSO⁺²³, GD19, Ben23]. **Next-generation**
 [CSO⁺²³, Ben23]. **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, KGHMRM23, MTT21]. **Non-Binary** [KGHRM23]. **Non-Blocking** [DDM⁺²⁰]. **Non-Volatile** [MTT21]. **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** [KG22c]. **Online** [GKB⁺²², SJER23]. **Oolong** [MB16]. **Open** [ABC⁺²⁰, APHD21b, Ano23c, Ben23, BPF⁺²², BCZ21a, CTN18, CKP19, CSO⁺²³, DXT⁺¹⁸, EMMB19, FTRH20, GCCR21, HCW23, HLHK19, HHB⁺¹⁹, ILG19, JHL⁺²¹, LNA21, MMD^{+22b}, MMD^{+22c}, MFM⁺¹⁹, NNPG23, PW17a, PFD21, PCW⁺²², PCO⁺²³, PGW⁺²⁰, SAF⁺²³, SSR⁺¹⁸, VOK⁺²², WW21, WSG⁺²¹, ZWB19, DAK⁺²¹, GYW⁺²³, Pat18, SCL⁺²¹, TZPL21, TSABTM20]. **Open-Source** [ABC⁺²⁰, Ano23c, CKP19, DXT⁺¹⁸, FTRH20, HLHK19, HHB⁺¹⁹, LNA21, MMD^{+22b}, MMD^{+22c}, PCO⁺²³, PGW⁺²⁰, SSR⁺¹⁸, VOK⁺²², WSG⁺²¹, ZWB19, DAK⁺²¹, GYW⁺²³, Pat18, 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** [PJL21]. **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]. **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]. **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** [VROdT22]. **Overview** [APHD21a, HHB⁺¹⁹]. **Own** [Sz21].

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, ZHL⁺²³, HC20]. **Parallel-Execution-Unit** [MAS18]. **Parallelization** [BZVCB23]. **Parallelizing**

- [KMB22]. **Partial**
 [CMV21, CKTG21, WW21]. **Partitioning**
 [RHS⁺22]. **pass** [AFP⁺17]. **Password**
 [XZW⁺22]. **patches** [HUL⁺22]. **Path**
 [RKRF21]. **Paths** [KRR22]. **Pattern**
 [TT22]. **Patterns** [MTT21]. **Paving**
 [BFP⁺22]. **Payment** [ZSM20]. **PCI** [Lu22].
PCI-E [Lu22]. **PCIe** [CRMR⁺23]. **PCs**
 [LF22]. **Penetration** [CXLL22].
Perception [MST⁺23]. **Perceptron**
 [KYDÓ21]. **PERCIVAL**
 [MMD⁺22b, MMD⁺22c]. **Perf** [SNOT21].
Performance [AS22, Ano23c, Ano23d, BFP⁺22, Bis21, BP21, CXL⁺20a, CTSG22, DDM⁺20, DRN⁺23, FHL⁺22, HGD20b, JBK23, LYZH20, LRB18, MAS18, MZZG22, MPU⁺23, MCB22, PAPJ⁺23, QCL⁺23, SJR⁺23, SSS⁺22, SSB22, SMB17, SNOT20, SNOT21, TZS⁺21, TLB⁺22, UD18, VMO⁺22, VMO⁺23, WLW⁺21, XYT⁺22, XYT⁺23, YXH20, YLT22, ZB19, ZGMD22, ZGD22, ZCH⁺23, ZXZH22, CSM22, DKC⁺21, HK20, JS23, KHH22, MS17, TLS22, WWL⁺20, ZCH22]. **PERI**
 [TGRK19, TGRK21]. **Periodical**
 [DWG⁺20]. **Periodical-Driven** [DWG⁺20].
peripheral [EHN23]. **peRISCVcope**
 [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, OHSB23, QYZ21, SAB22, WTZ⁺20, WYK21, WWN23, WMA⁺21, WMR⁺22, ZHLR22, ZUSK23, DGA⁺17, FKS22]. **Platforms**
 [Ano21, MSP23, CIPR21]. **PLL**
 [RZAH⁺19b, RZAH⁺19a]. **Plug** [OHSB23].
Plug-In [OHSB23]. **Pluggable** [MC22].
Pluggy [MKM20]. **Point**
 [AVS⁺22, Ano20, BPM⁺21, CSZ⁺20, CPLS23, MSZB19, PSS23, PCO⁺23, SEG20, ZSB21, ZZQ21, Liu21, PRS⁺15, YCL⁺23, YWZL22, ZSB20, BDdD19b]. **Pointers**
 [GM21]. **Points** [JZWL23]. **Poisoning**
 [AVS⁺22]. **PolarFire** [DXYZ19]. **Policy**
 [HWJ23, SSS⁺22]. **Polynomial**
 [KZH22, WMGD23]. **Portable**
 [BCZ21a, LYL23, WHB⁺22]. **Porting**
 [GPL22, Zha22]. **Posit**
 [CLR⁺21b, CLR⁺21a, CRRS22, KK23, MSSS23, MMD⁺22a, MMD⁺22b, MMD⁺22c, SJM⁺20, TGRK19, TGRK21, CRRS21].
Post [EKAK22, FSMG⁺19, FSS20, GJC23, HBSE22, 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, KGHRM23, LKKK22, PGZMG21, RFS20, XHY⁺20, ZKS⁺23]. **Post-Silicon**
 [TH22, MRGRCR⁺21a]. **Potential**
 [LMP23]. **Power**
 [ABP22, BP21, DHL⁺21, GRC⁺19, GZK⁺21, KM21, KCZ⁺17, KSRT23, KMB22, LRF⁺21, LHT⁺21, MRAM⁺23, MDR19, OBB⁺24, PCL⁺23, PHC⁺23, PPYB23, SED⁺23, SRD⁺21, SAW⁺20, SSD⁺21, SLCK21, SKK⁺22, TBR⁺22, TDH⁺23, WSK⁺20, YLT22, ZBZ⁺23, DKC⁺21, ERGK21, GBP21, SCR⁺17, VTS⁺23, WTY⁺23, ZWL⁺20].
Powered [TLB⁺22, AAC⁺23]. **PPMU**
 [CTSG22]. **Practical** [MKVD23, VOK⁺22].
Precision [AWB⁺23, BPF⁺22, BDdD19a, CRP⁺23, 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** [GD19, IEE21, IEE22]. **Process** [HMTL21].
- Processing**
- [AvAG21, ABP22, CCC⁺¹⁹, CGG21, CRRS22, GAO21, HWG22, MSSS23, 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, gMCP19, NHML⁺²², NBT22, OCMP19, OCC⁺¹⁷, OGT⁺²⁰, PSS23, PCL⁺²³, PHC⁺²³, PNSD20, PPS⁺¹⁹, PH18, PCW⁺²², PCO⁺²³, 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, SLCK21, TS20].
- Processor**
- [TBSH22, TT22, TGT⁺²³, TCH23, VROdT22, 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, 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, KS22, 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].
- 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].
- Programming**
- [BBV⁺²³, KGBH22, 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].
- Prototypes** [HGLD19, HGTD20, HGD20b].
- 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, KGHRM23, LKKK22, NDZ⁺21, PGZMG21, RFS20, XHY⁺20, ZKS⁺23]. **Quark** [ADF⁺23, NWP⁺23]. **Quire** [MMD⁺22a, MMD⁺22b, MMD⁺22c].
- 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]. **RANNT** [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** [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]. **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]. **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]. **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, 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, AMRPC21, AMG⁺²⁰, 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, BJJN23, Bar20, BFP⁺²², BCCM21, Ben23, BPM⁺²¹, BPF⁺²², BZVCB23, BBVB20, BP21, 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, CSZ⁺²⁰, CV22, CPWG23, CLC⁺²⁰]. **RISC** [CXL⁺²⁰a, CXL⁺²⁰b, CWD⁺²¹, CLWL21, CKTK22, CYJ⁺²², CKTK23, CPLS23, CWS⁺²³, CWS⁺²⁴, CCA⁺¹⁸a, CCA⁺¹⁸b, Cho18, CSM22, CAL23, CKK⁺¹⁸, CKP19, COMP19, Cil21, CRRS21, CRRS22, CPG⁺²³, CRP⁺²³, CTSG22, CLW23, CSO⁺²³, DAHK20, DHL⁺²¹, DNN23, DUM⁺¹⁹, DBP21, DXT⁺¹⁸, DBGJ19, DBGJ20, DG22, DGH19, DAPS21, DCM23, DCEJ21, DYD⁺²², DPV⁺¹⁷, DDM⁺²⁰, DPP22, DKC⁺²¹, DKT⁺²³, DZZZ23, DEA⁺²¹, DtEt22, DCC⁺²³, DRN⁺²³, DXYZ19, DK23, DAK⁺²¹, DKA⁺²², 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, GTC⁺²¹a, GTC⁺²¹b]. **RISC** [GPV⁺²², GTP⁺²², GGH⁺²², GBP21, GST⁺¹⁷, GDR⁺²², GXLW22, GAMG⁺²³, 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, HYML23, HBSE22, HYWP⁺¹⁹, HWJ23, HJ23, HSR⁺²³, HHB23, HH21, HVW⁺²¹, HCP⁺²¹, HH22, HK20, HYXW22, HSL⁺²³, HSWM23, HCW23, HLHK19, HMJ22, HMJ23, HMJ24, HGLD18, HGLD19, HGD⁺¹⁹, HGTD20, HGD20a, HGJD20, HGD20b, HGD20c, 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, KG22a, KG22b, KK21, KFK⁺¹⁹, KM21, KA20, KFS22, KSSMRB23]. **RISC** [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, 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, MKC23, 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, MKB⁺²³,
 MPU⁺²³, MKVD23, MGZ⁺²³,
 MRSBGR⁺²⁰, MRGRCR^{+21a]}. **RISC**
 [MRGRCR^{+21b}, MRAM⁺²³, gMCP19,
 MDR19, MTJ⁺²², MRB⁺²³, MSFK21,
 MCB22, 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, PJL21, 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, RHS⁺²²,
 RKH⁺²³, RAPK23, RRC⁺²⁰, RPD⁺¹⁵,
 RPSD16, RSA⁺²³, RMF22, RKRF21,
 RBK18, RLL⁺²¹, RSS⁺²¹, RHGD21,
 RMP⁺¹⁹, RK23, RMR21, RSM⁺²³, RPA22,
 RZAH^{+19a}, RFS20, RCS⁺¹⁹, RHD⁺²³,
 SGP⁺²³, SEM19]. **RISC**
 [SMP22, SVM⁺²³, SNM22, SG23, SJR⁺²³,
 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, SFGB20, SB23, SJYZ22, SCM⁺²¹,
 SPDLP⁺²², SLB⁺²², SCL⁺²¹, SS22,
 SJBS21, SMOM19, Su20, Su21, 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,
 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]. **RISC**
 [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,
 WWGW23, WWW23, WLI23, 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,
 ZCH⁺²³, ZXXH22, ZKS⁺²³, ZUSK23,
 ZZQ21, ZCH22, ZWL⁺²³, ZSM20, ZSM21,
 ZS23, ZJX20, ZHL⁺²³, ZBA⁺²⁰, ZLP⁺¹⁵,
 ZCNA16, ZLP⁺¹⁶, ZCNA17, ZPL⁺²³,
 ZNF21, ZZZ⁺²²]. **RISC** [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, 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, 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, BJJN23,

Bar20, BFP⁺²², Ben23, BPM⁺²¹, BPF⁺²²,
 BZVCB23, BBVB20, BP21, 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,
 CXL⁺²⁰a, CXL⁺²⁰b, CWD⁺²¹, CLWL21].
RISC-V [CKTK22, CYJ⁺²², CKTK23,
 CPLS23, CWS⁺²³, CWS⁺²⁴, CCA⁺¹⁸a,
 CCA⁺¹⁸b, Cho18, CSM22, CAL23,
 CKK⁺¹⁸, CKP19, COMP19, Cil21, CRRS21,
 CRRS22, CPG⁺²³, CRP⁺²³, CTSG22,
 CLW23, CSO⁺²³, DAHK20, DHL⁺²¹,
 DNN23, DUM⁺¹⁹, DBP21, DXT⁺¹⁸,
 DBGJ19, DBGJ20, DG22, DGH19, DAPS21,
 DCM23, DCEJ21, DY^{Z+22}, DPV⁺¹⁷,
 DDM⁺²⁰, DPP22, DKC⁺²¹, DKT⁺²³,
 DZZZ23, DEA⁺²¹, DtEt22, DCC⁺²³,
 DRN⁺²³, DXYZ19, DK23, DAK⁺²¹,
 DKA⁺²², 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, GTC⁺²¹a, GTC⁺²¹b,
 GPV⁺²², GTP⁺²², GST⁺¹⁷, GDR⁺²²].
RISC-V [GXLW22, GAMG⁺²³, 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,
 HYML23, HBSE22, HYWP⁺¹⁹, HWJ23,
 HSR⁺²³, HHB23, HH21, HVW⁺²¹, HCP⁺²¹,
 HH22, HK20, HYXW22, HSWM23, HCW23,
 HLHK19, HMJ22, HMJ23, HMJ24, HGLD18,
 HGLD19, HGD⁺¹⁹, HGTD20, HGD20a,
 HGJD20, HGD20b, HGD20c, 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, KNK⁺²¹, KCZ⁺¹⁷, KEAS⁺¹⁸,
 KKH⁺²⁰, KLP⁺²⁰, KS22, KKOY19, KG22c,
 KRR22, KYDÖ21, KHH22]. **RISC-V**
 [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,
 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, MGZ⁺²³, MRSBGR⁺²⁰,
 MRGRCR⁺²¹a, MRGRCR⁺²¹b, MRAM⁺²³,
 gMCP19, MDR19, MTJ⁺²², MRB⁺²³,
 MSFK21, MCB22, MMA⁺¹⁸, NRB⁺²³].
RISC-V [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, PJL21, 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, 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, SJR⁺²³, SUM23, SNH22, SGCGCR17, SSS⁺²², SFAAL22, SLZ⁺²⁰, SLK⁺²¹, SML⁺²², SMMD23, SSB22, SAF⁺²³].
- RISC-V**
- [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, SFGB20, SB23, SJYZ22, SCM⁺²¹, SPDLP⁺²², SLB⁺²², SCL⁺²¹, SS22, SJBS21, SMOM19, Su20, Su21, 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, TDPPD⁺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, 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].
- RISC-V** [WWGW23, WWW23, WLI23, 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, ZCH⁺²³, ZXXH22, ZKS⁺²³, ZUSK23, ZZQ21, ZCH22, ZWL⁺²³, ZSM20, ZSM21, ZS23, ZJX20, ZHL⁺²³, ZBA⁺²⁰, ZLP⁺¹⁵, ZCNA16, ZLP⁺¹⁶, ZCNA17, ZPL⁺²³, ZNF21, ZLZ⁺²², ZC23, dOTB⁺²⁰].
- RISC-V-Based**
- [HJ23, MKB⁺²³, PCO⁺²³, QLC20, RMR21, TBR⁺²², BCCM21, GGH⁺²², GGAARG⁺²¹, HSL⁺²³, HUL⁺²², KSSMRB23, RLL⁺²¹].
- 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]. **ROS** [LCYK20]. **ROS-Based**
- [LCYK20]. **rotation** [HC20]. **Routed**
- [KG17]. **RSA** [KSSMRB23]. **RSM**
- [TGMD21]. **RTOS** [DL17]. **Running**
- [GDR⁺²², IVZV20]. **Runtime** [HGTD20, LWLA23, SAB22, WWN23, WRD⁺¹⁷].
- Runtime-reconfigurable**
- [SAB22, WRD⁺¹⁷]. **RV** [CKTG21].
- RV-CAP** [CKTG21]. **RV32E** [Ano20].
- RV32I** [DPP22, GRRCRG⁺²⁰].
- RV32IMAC** [DWG⁺²⁰]. **RV32X** [WY23].
- RVCoresP** [KK21]. **RVCoresP-32IC**
- [KK21]. **RvDfI** [FHL⁺²²]. **RVFC** [XLZ23].
- RVfpga** [HCP⁺²¹]. **RVNet** [WWZL17].
- RVNoC** [EEI⁺¹⁸].

s [RZAH^{+19b}, RZAH^{+19a}]. **Saber** [KZH22, ZHLR22]. **Safe** [gMCP19]. **SafeLS** [SAF⁺²³]. **Safety** [AAB⁺²³, DLMP21, MKC²³, RLL⁺²¹, WMA⁺²¹, DUM⁺¹⁹]. **Safety-Critical** [MKC²³, 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, KK0Y19, 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]. **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]. **Securing** [DG22, PRP⁺²³]. **Security** [AAA⁺²¹, AAB⁺²³, Ano22, ASH19, AHV⁺²¹, CDP⁺²², CYJ⁺²², CAL23, DCL23, FHL⁺²², GAMG⁺²³, 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]. **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, HMJ23, HMJ24, HCZ21, JZWL23, JHLD21, KG22c, LPZ19, Liu21, MR22, NDZ⁺²¹, Pat17, PMKZ22, TBLD23, WA21, WAH21, ZZL⁺²², EHN23, PKKK22, Pat18, RPSD16, WLA⁺¹³, ZJX20]. **Sets** [WZW⁺¹⁹, AP14]. **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, GYW⁺²³]. **Side-Channel** [DGH19, LHD⁺²¹, Bis21, GYW⁺²³]. **SiFive** [Ano21]. **sign** [GG18]. **sign-off** [GG18]. **Signal** [ABP22, BHR⁺¹⁸, BRH⁺¹⁹, CCC⁺¹⁹, RMF22]. **Signature** [GJC23, KSSMRRB23]. **Signoff** [YLT22]. **SIKE** [EAMK21, EKAK22, RFS20]. **Silicon** [ABC⁺²⁰, CG23, TH22, MRGRCR^{+21a}]. **SIMD** [AvAG21, LYL23, PKL21, PJL21, PW17b, SPDLP⁺²², TMR⁺¹⁹, YCL⁺²³]. **Simodense** [PJL21]. **Simplify** [BCCM21]. **Simulation** [BWP22, CLWL21, DXYZ19, DMR⁺²⁰, HGTD20, PFD21, SNK22, MG22]. **Simulator** [BHT⁺²¹]. **Simulators** [IZG22, TBLD23]. **Simultaneous** [ZLP⁺¹⁶]. **Simultaneous-Switching** [ZLP⁺¹⁶]. **Singapore** [GD19]. **Single** [BWZ⁺²¹, CLWL21, DPV⁺¹⁷, KFK⁺¹⁹, SZHB21]. **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, TBR⁺²²]. **Soft** [ARH⁺²², CMV21, CV22, Cho18, Cho19, DAPS21, FvHC⁺²³, GDR⁺²², GRD22, 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]. **Softcore** [FdRES23, HLHK19, JBK23, PKL21, PJL21]. **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, 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, GCCR21, HCW23, HLHK19, HHB⁺¹⁹, ILG19, LNA21, MMD^{+22b}, MMD^{+22c}, MFM⁺¹⁹, PFD21, PCW⁺²², PCO⁺²³, PGW⁺²⁰, SAF⁺²³, SSR⁺¹⁸, WW21, WSG⁺²¹, DAK⁺²¹, GYW⁺²³, SNM22, SCL⁺²¹, TZPL21, VOK⁺²²]. **Space** [And20, BSZ⁺²¹, BSZ⁺²⁴, CDP⁺²², FDMM22, 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, HGD20c, 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]. **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]. **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, PGT23, 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]. **Supported** [LCN⁺23, Ano20]. **Supporting** [DRN⁺23, MZZG22, KK21]. **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** [BBdD17, IEE21, IEE22, 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, 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, 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]. **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, MKC⁺23, NAL22, RKRF21, RCS⁺19, SMP22, SLZ⁺20, SAB22, WMA⁺21, ZHX⁺22, SFAAL22, TCL⁺21]. **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** [Sz21]. **Technique** [POMD22]. **Techniques**

- [CCA⁺18a, dOK23]. **Technology**
 [CCC⁺22, DCC⁺23, GG18, ZB19]. **TEE**
 [SNOT20, YXH20]. **Telemetry** [CDF⁺20].
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, HGD20c, 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,
 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].
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TriCheck
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 [TML⁺17a, TML⁺17b, TML⁺17c]. **Trojan**
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Trojan-ing [DCM23]. **Trojans**
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TS [SNOT21]. **TS-Perf** [SNOT21]. **tuning**
 [YCL⁺23]. **Tutorial** [Ano22, GG18]. **TVM**
 [CLC⁺20, YCL⁺23]. **Type**
 [BDdD19a, KK23]. **Typed**

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UAV [KMB22]. **UEFI** [Zha22]. **UK** [BBdD17]. **Ultra** [ABP22, ERGK21, GRC⁺¹⁹, KMB22, PCL⁺²³, TBR⁺²², VTS⁺²³, ZSB20, ZWL⁺²⁰, SCR⁺¹⁷]. **Ultra-efficient** [ZSB20]. **Ultra-Low** [ABP22, KMB22, PCL⁺²³]. **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]. **Universal** [LLS22]. **Unprivileged** [WA21]. **Unprotected** [DG22, FvHC⁺²³]. **Unum** [BDdD19b, BDdD19a]. **Updates** [SCL⁺²¹]. **Upsets** [BWZ⁺²¹]. **Usage** [LVR⁺²⁰]. **use** [Szkl21]. **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, 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, 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, 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, BJJN23, Bar20, BFP⁺²², BCCM21, Ben23, BPM⁺²¹, BPF⁺²², BZVCB23, BBVB20, BP21, 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, CRM⁺²³, CMV21]. **V** [CSZ⁺²⁰, CV22, CPWG23, CLC⁺²⁰, CXL^{+20a}, CXL^{+20b}, CWD⁺²¹, CLWL21, CKTK22, CYJ⁺²², CKTK23, CPLS23, CWS⁺²³, CWS⁺²⁴, CCA^{+18a}, CCA^{+18b}, Cho18, CSM22, CAL23, CKK⁺¹⁸, CKP19, COMP19, Cil21, CRRS21, CRRS22, CPG⁺²³, CRP⁺²³, CTSG22, CLW23, CSO⁺²³, DAHK20, DHL⁺²¹, DNN23, DUM⁺¹⁹, DBP21, DXT⁺¹⁸, DBGJ19, DBGJ20, DG22, DGH19, DAPS21, DCM23, DCEJ21, DY⁺²², DPV⁺¹⁷, DDM⁺²⁰, DPP22, DKC⁺²¹, DL17, DKT⁺²³, DZZZ23, DCC⁺²³, DRN⁺²³, DXYZ19, DK23, DAK⁺²¹, DKA⁺²², 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]. **V** [GTC⁺²⁰, GTC^{+21a}, GTC^{+21b}, GPV⁺²², GTP⁺²², GGH⁺²², GST⁺¹⁷, GDR⁺²², GXLW22, GAMG⁺²³, 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, HYML23, HBSE22, HYWP⁺¹⁹, HWJ23, HJ23, HSR⁺²³, HHB23, HH21, HVW⁺²¹, HCP⁺²¹, HH22, HHTo23, HK20, HYXW22, HSL⁺²³, HSWM23, HCW23, HLHK19, HMJ22, HMJ23, HMJ24, HGLD18, HGLD19, HGD⁺¹⁹, HGTD20, HGD20a, HGJD20, HGD20b, HGD20c, HTGD21, HSEKD21, HMTL21, HDT⁺²⁰, HHB⁺¹⁹, Hor20, 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, KG22a, KG22b, KK21, KFK⁺¹⁹]. **V** [KM21, KA20, KFS22, 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, LKK22, LCN⁺²³, LKHK23, LYZH20, LWC18, LSB22, LGB17, LHC19, LWD20, LHT⁺²¹, LCG⁺²³, LCF23, LMP23, LYI23, LWLA23, 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, MKB⁺²³, MPU⁺²³]. **V** [MKVD23, MGZ⁺²³, MRSBGR⁺²⁰, MRGRCR^{+21a}, MRGRCR^{+21b}, MRAM⁺²³, gMCP19, MDR19, MTJ⁺²², MRB⁺²³, MSFK21, MCB22, 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, PJL21, PKC⁺²⁰, PKKK22, PCL⁺²³, PHC⁺²³, PAPJ⁺²³, PGTD23, 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, RHS⁺²², RKH⁺²³, RAPK23, RRC⁺²⁰, RPD⁺¹⁵, RPSD16, RSA⁺²³, RMF22, RKRF21, RBK18, RLL⁺²¹, RSS⁺²¹, RHGD21, RMP⁺¹⁹, RK23, RMR21, RSM⁺²³, RPA22, RZAH^{+19b}, RZAH^{+19a}]. **V** [RFS20, RCS⁺¹⁹, RHD⁺²³, SGP⁺²³, SEM19, SMP22, SVM⁺²³, SNM22, SG23, SJR⁺²³, 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, SFGB20, SB23, SJYZ22, SCM⁺²¹, SPDLP⁺²², SLB⁺²², SCL⁺²¹, SS22, SJBS21, SMOM19, Su20, Su21, 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, TDPPD⁺²¹, TEYK21, TYEK21, TSS⁺²², TGRK19, TGRK21, TGT⁺²³, TAC⁺²², TSABTM20, TBR⁺²², TCL⁺²¹,

TTDD21, TDH⁺²³, TBK⁺¹⁹, TL22]. **V** [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, 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, ZCH⁺²³, ZXXH22, ZKS⁺²³, ZUSK23, ZZQ21, ZCH22, ZWL⁺²³, ZSM20, ZSM21, ZS23, ZJX20, ZHL⁺²³, ZBA⁺²⁰, ZLP⁺¹⁵, ZCNA16, ZLP⁺¹⁶]. **V** [ZCNA17, ZPL⁺²³, ZNF21, ZLZ⁺²², ZC23, dOTB⁺²⁰, dOK23]. **V/Tensor** [DEA⁺²¹, DtEt22]. **V1** [Ano23g]. **V3** [RKRF21]. **Validating** [NSM⁺²³]. **Validation** [AAC⁺²³, CKP19, TH22]. **Value** [TBS⁺²¹]. **variability** [TLS22]. **Variable** [BDdD19a, MAS18, RSR21, YTL⁺²³]. **Variable-Length** [MAS18]. **Variable-Precision** [BDdD19a]. **variant** [Ano20]. **Vector** [AEAS21, AvAG21, ADF⁺²³, 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, 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, SCM⁺²¹, VMFL23, WWW23, ZLP⁺¹⁵]. **vector-dataflow** [GAE⁺²³]. **Vector-Instruction** [ZHC⁺¹⁸]. **Vectorizing** [CRRS21]. **Vehicles** [CRMR⁺²³, Ben23]. **Verification** [ASE⁺²¹, APHD21a, AAC⁺²³, BHD23, CAL23, DDM⁺²⁰, DKT⁺²³, DMR⁺²⁰, FAPHD23, GM21, HGJD20, HZS⁺¹⁹, IK21a, 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, MRSBGR⁺²⁰, ZPRD23]. **verified** [TMK⁺¹⁶]. **Verifying** [TZG⁺²³]. **Verilog** [IK21a, LCCS21, MKVD23]. **Very** [QLC20]. **Veyron** [Ano23g]. **VGG** [SCM⁺²¹]. **VGG-16** [SCM⁺²¹]. **VHDL** [PMKZ22]. **via** [dAGM23]. **Vibration** [MGZ⁺²³]. **Virtex** [SFGB20]. **Virtex-7** [SFGB20]. **Virtex-UltraScale** [SFGB20]. **Virtual** [BWP22, FHD22, HGLD18, HGLD19, HGTD20, HGD20b, ZWL⁺²³, 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]. **Vitamin-V** [AAC⁺²³]. **Vitruvius** [MPU⁺²³]. **VLSI** [LLS22, YTL⁺²³]. **vMCU** [MST⁺²³]. **Vmin** [ZCNA16]. **Volatile** [MTT21]. **Voltage** [AMG⁺²⁰, CCA^{+18a}, CCA^{+18b}, WCL23]. **Volume** [WA21, WAH21]. **Vortex** [ETR⁺²⁰, TEYK21, TYEK21]. **VOSySmonitoRV** [CIPR21]. **VP** [APHD21b]. **VPQC** [XHY⁺²⁰]. **vs** [LGB17]. **VSDFLOW** [GG18]. **VTF** [JHLD21]. **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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