Title word cross-reference

#1 [Ano22].

19μW [GAE+23]. 2
[MRGRCR+21b, PNSD20]. K [LPB+21].
Vmin [ZCNA17].

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

0.37mm2 [WRD+17]. 0.80pJ [MSZB19].
0.80pJ/flop [MSZB19]. 000-core
[DAKK19].

1 [CSZ+20, DEA+21, DtEt22]. 1-GHz
[CSZ+20]. 1.0 [PCW+22, PCA+24].

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-mm [BRH+19, RZAH+19b,
SWW+22, WBH+18, WBH+19]. 16.7
[LWA+14]. 160mV [TLB+22]. 16mm2
[GZK+21]. 16nm [BRH+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+23]. 2017
[BBdD17, SSB22, TZZ+21]. 2019
[GD19, TBL19]. 2021 [IEE21]. 2022
[IEE22]. 2023 [IEE23]. 22-nm
[CSZ+20, ZB19]. 22.1 [CRP+23]. 22nm
[DC+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, TLBL22, VMO+23].

3-D [VMO+23]. 3-nW [TLB22]. 30
[SB23]. 30-Teraflops [SB23]. 30th [IEE23]. 32
[KFGH+23]. 32-Bit [KS22, LCG+23, MLPF23, NHML+22, PMKZ22, DRC+16, DGA+17, GMV20, GSDB18, KM21, LCCS21, MCL22, MMGC20, NHK+21, RSR20, SFGB20, YTÖ21]. 32/64 [MG22].

32/64-bit [MG22]. 32I [MRSBG+20].

32IC [KK21]. 3D
[TEK21, TYEK21, ZBA+20].

3D-Graphics [TEK21, TYEK21].

4096-Core [ZSB21, ZSB20]. 410.0
[KFGH+23]. 410.0-B-32 [KFGH+23].

45nm [LWA+14]. 496-Core [RZA+19a].

4MHz [GAE+23].

5 [FFW20, FWZL19]. 511-Core [DX+18].

55 [GCL+23]. 5G
[AHB20, BZVCB23, KKH+20, Raj21].

5G-PUSCH [BZVCB23].

6 [TBK+19]. 64 [LWC18]. 64-Bit
[LCG+23, MDPM24, MZGG22, 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 [RZA+19a].

7 [SFBG20]. 7nm [HMTL21].

8 [FRC+18]. 8-core [CKTK22]. 8-to-64
[MSZB19]. 8.2-kHz [TKB+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, WYLL22].

Accelerating
[AS18, DEA+21, DEA+22, DAKK21, ERGK21, GTC+20, TSS+22, ZPL+23, KKC+16].

Acceleration
[ABW+21, AYA+23, CPG+23, CRP+23, DLM21, FSS20, KSFS20, PLSK20, SB23, Sn21, VMFL23, WZW+21, Yan20, KMS22, ACM+21, WWW23]. Accelerator
[AEAS21, ABW+20, ABB+23, BCCM21, BDdD19b, CCC+19, DNN23, DXT+18, DY+22, FYH19, GZK+21, Gra16, GTCS21, JZWL23, JRD+23, KG22b, KYPD21, KBB21, KZH22, LCF23, LNA21, NHK+21, OBSB23, PS2a2a, PLH+22, PAC21, PGW+20, QLH21, RSRT19, SNH22, T22, TBR+22, WLI23, WX+22, YMY21, ZLG21, ZHL+23, DKC+21, RPA22, T22, WRD+17, ZPRD21, ZZW+21].

Accelerators
[ABM+23, GL+23, HDT+20, KGH20, NHML+22, RH+23, IWA+14, SFAA+22].

Access [MDR19, WYLL22]. accessible
[APHD+22]. Accuracy
[CLR+21b, CLR+21a, RRC+20, LGB17].

Accurate
[BHT+21, HGTD20, HGD20b, uHMS+19].

Achieving [SZHB21]. acoustic
Application-Specific

[GGARG+21, HMJ22, WT19, DL17].

Applications

[ASE+21, And20, BP21, CRRS22, DNM22, GRCCG+20, GAO21, HM21, KM21, LMD+23, MIF+23, gMCP19, NBT22, OPI+18, PDL18, RAK23, RHD+23, SJR+23, SUM+23, SSD+21, SR22, SKK+22, VSD22, WCG23, ZGG23, ZXXH22, SCR+17, WYT+23, RLL+21].

Approaches

[HSEKD21].

Approximate

[LGB17, SMOM19, VSD22].

Approximations

[FWF20].

Ara

[PCA+24].

Arbitrary

[AWB+23, JZWL23, ZZQ21].

Architectural

[KKK+17a, KKK+17b, KKK+17c, MTAL22, MS17].

Architecture

[ASH19, BP21, CPLS23, COMP19, CLW23, DBP21, DPP22, FHL+22, HBSE22, HYWP+19, HLP+24, HH21, HCP+21, HH22, HMY24, JSB20, KGH20, KG22a, KG22b, KA20, KNK+21, KKH+20, LCCS21, LF22, LWC18, LHC19, Lai21, NBT+23, MK20, MR22, MTT21, MAS18, JS19, MSD+22, MKV23, MDR19, NAR+22, NGS20, PDL18, PS22a, PKN+20, PKC+20, PW17a, PMK22, QYZ21, RKH+23, RAS+23, RMP+19, SVM+23, Sew18, SR22, SLB+22, TA22, WLY+22, WA1H21, XY+20, ZSB20, ZSB21, ZHC+18, ZWL+20, ZGL+21, ZXX21, ZZZ+23, ZNF21, CPL+24, DVP+17, HP21, KSA21, KHH22, Lu21a, Pat18, PRP+23, RPSD16, SCM+21, TCL+21, WYT+23].

Architectures

[AKM20, DXT+18, ERGK21, FTRH20, IZV20, KKK+17a, KKK+17b, KKK+17c, NNPG23, PACB21, SMB17, BP23, CLC+20, GMFC23, LF22, VMFL23].

Area

[MPU+23, MDR19, PSS23, SSD+21].

Area-Efficient

[MPU+23].

ARITH
[BBdD17, IEE21, IEE22, IEE23, TBL19].

ARITH-26 [TBL19]. Arithmetic
[BBdD17, CLR+21b, CLR+21a, GD19, IEE21, IEE22, IEE23, MDPM24, SJM+20, TBL19, SJ+23]. ARM
[AMRPC21, CRRS21, EHK20, ELG20, FTRH20, IVZV20, KSS22, KKE+22, LF22, NGS20, RFS20, SAB24, HLP+24, RMP+19, SNOT21]. Arm-A [HLP+24].

ARM-RISC-V-Heterogeneous [EHK20].
ARMv8 [Sew21].

AAA Aspects [HML21].

NGS20, RFS20, SAB24, HLP+20, NNS+21, RFS20, SAB24, HLP+24, RMP+19, SNOT21]. Arm-A [HLP+24].

ARM-RISC-V-Heterogeneous [EHK20].
ARMv8 [Sew21]. Armed [DKT+23].

Armv8 [Sew21]. Armv8-A [DKT+23].

B [KFGH+23, CPG+23, MZZG22].
B-Extension [MZZG22]. backend
[TMK+16]. Backup [FPYB23]. bad
[FvHC+23]. Bandits [DKT+23].

Bandwidth [WBH+18, WBH+19, ZZZ+20].
Banshee [RSS+21]. Bao [MP20a, MP20b].

Baremetal [MTAI22]. Barrel
[ABW+20, ABW+21]. BARVIII
[ABW+23]. Base [PMKZ22]. Baseband
[IFO+18, MB16]. Based
[YP+22, ZHC+18, ZWL+20, ZZ21, ZCH+23, ZUSK23, ZZQ21, ZWL+23, ZSM20, ZSM21, ZS23, ZCNA17, ZNF21, ZZZ+22, ZC23, dOTB+20, APSH+22, AVAG21, AFT+17, ASH19, BCCM21, BHT+21, CWD+21, CIL21, DBP21, DZZZ23, DRC+16,


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, ZBS+23].

BOOM-Explorer [BSZ+21, BSZ+24].


Bottleneck [KFK+19]. Branch [CSM22, SLCK21].


Capturing [TPDP+21]. carbon [AFP+17].


Case-Study [APSH+22, BHJ23, HGJD20].

Casting [KK23]. Catalog [HLHK19].

CCSDS [IVZ+20, KFGH+23]. Celerity [DXT+18, RZA+19b]. Center [Ano23g].

Center-Class [Ano23g]. Certificates [GLS21]. CFG [LWL23]. CFI [LWL23, SSM+23, ZPRD22]. CGRA [FGD+19, LNA21]. ChaCha [MPP21].


CHERI-RISC [BPS+23], Cheshire [OBSB23], China [Ano23b], Chip [DCM23, DEA+21, DtEt22, FSMU21], GVP+22, GTP+22, Gen24, OBB+24, RLL+21, RZA+19a, TDPD+21, WSK+20, YLT22, DGA+17, Ano23e, CKTG21, CYJ+22, CRF+23, DNN23, HYWP+19, HZS+19, KSSMRB23, KCHYM19, LNB+23, MSDM23, NKH+21, RSR20, SLK+21, SML+22, SMMD23, SBJ+21, ZNF21].


Computing
[BDdD19b, CSM+21, CXL+20b, DYZ+22, FGD+19, FSMU21, GRC+19, ILG19, KBBA17, LWC18, MDPM24, MPU+23, NPA+23, PCW+22, PPYB23, SJBS21, TBSH22, WLW+21, XZW+22, Yan20, ZSB20, ZSB21, ZHL+23, Gre20, HYXW22, SCM+21, WWL+20, WTY+23, YWZL22].
Computing-in-Memory [ZHL+23].
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].
Szk21, WLC22, ZZZ21. **CPU(R) [TZS+21].**

**CPUs**
[CPWG23, GWZS23, HWJ23, JRW+23].

**Critic [RBK18].** **Critical**
[MKČ23, RLL+21, SKK+22, WMA+21].

**criticality [CIPR21].** **Cross**
[HGJD20, VOK+22, WWN23, APHD22].

**Cross-layer [VOK+22].** **Cross-Level**
[HGJD20, APHD22]. **Cross-Platform**
[WWN23]. **Crypto [RFS20].**

**Cryptographic**
[Bis21, DHL+21, HDT+20, MLPH23, MČB22, SNK22, TDH+23, ZWL+23].

**Cryptography**
[dAGM23, KGHRM23, LKKK22, NDZ+21, NHML+22, TGMD20, XHY+20, ZKS+23].

**Cryptoprocessor [HBSE22, ZHC].** **Cryptosystem [PGZMG21].** **CRYSTALS [GJC23, NDZ+21].** **CRYSTALS-Dilithium [GJC23].** **CSR [BHGD21].** **Current [AMG+20, HCW23].**

**Custom [CW+24, DFA+23, HBB23, LHC19, LMP23, MRB+23, MRB+24, NH+21, SNH22, Su+21, WWX+24, PKL21, PJL21].**

**Customizable [SCM+21].** **Customized [WZW+21, EHN23].** **Customizing [MMD+22a].** **CV32A6 [HH23].** **CVA6 [MMD+22a, MTAL22, SVM+23].** **Cyber [APHD21b, Ano22].**

**Cyber-Physical [APHD21b].** **Cyber-Security [Ano22].**

**Cycle [GGH+22, uhMSI19, ZNF21, DPV+17, UD18].** **Cycle-Accurate [uhMSI19].**

**Cycle-True [ZNF21].**

**D [PKC+20, VMO+23].** **D2 [PGTD23].**

**DARKSIDE [GTP+22, GPV+22].** **Data [Ano23g, DAKK19, FHL+22, GLS21, KRR22, KGBH22, KK23, LWC18, LVPB23, RKR21, Su21, TBS+21, ZHL+23, RPD+15, ZBB+20].**

**Data-Flow [FHL+22].** **dataflow [GAE+23, YWZL22].**

**Datapath [HMJ24].** **Datapaths [VROdIT22].** **Day [CPL+24].** **DBPS [LCN+23].**

**DC**
[LZW+15, WCL23, ZLP+15, ZLP+16].

**DC-DC [LZW+15, ZLP+15].** **DCLS [NKTS23].** **DCT [HHB23].** **De-RISC [WMA+21, WMR+22].**

**Deblocking [AS18].** **Debug [LKH23].** **Debugger [RSR20].**

**DECADES [GCL+23].** **Decentralized [GSL21, NBT22, SLMS21].** **Decimal [uhMSI19].**

**Decoder [KFH+23, SUAR23].** **Decoupled [Ant22, MPU+23].** **Decryption [AYA+23].**

**dedicated [BMM+20].** **Deep**
[ABW+21, CRRS22, FHY19, HSL+23, KASL21, SLCK21, TRB+22, CRRS21, RCMQO23].

**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].**


**Designed [Ano22, MMGC20, QLH21, WBB+18, DDM+20, ZZW+19].** **Designing [CSM+21, KGC+24, MSJ19, Chi23],**

**Designs [CPWG23].** **Detection [BGH19, HSL+23, HSL+24, SLMS21].**
[GKB+22, HSWM23, HUL+22, HCL+21, LRF+21, LHD+21, LHC+21, LCF23, LXC23, PCL+23, PGTD23, UD20, CPL+24, KSA21, LHD+22, SJY+22, ZZW+19].

**Detection-Based** [UD20]. **Developing**

[JHL+21, PCL+23, PHC+23, TSABTM20, XYT+22, XYT+23]. **Development**

[And20, CRMR+23, CPL+24, EHN23, HCW23, SNM22, SSK+22, ZCH+23, Bar+20, PKL+21]. **Developments**

[AAB+23]. **Device** [Lu21b, SB23, WHB+22].

**Devices** [ASH19, CWS+24, GST+17, HCL+21, JHK+23, MRAM+23, MTJ+22, NPA+23, SMJ21, CTN18, EHN23, SCL+21].

**DFT** [ZCH+23]. **Diagnostic** [MGZ+23].

**Differences** [Cho18, Cho19]. **Different**

[AKM21, KIS22]. **Digit** [HSE+24]. **Digital**

[CC+19, GLS21, GJC23, HH21, HH22, HSK21, RAZ+19a, KSSMRB23, TCL+21, Ano23f, WHB+18].

**Dilemma** [HCW23]. **Dilithium** [GJC23]. **Direct**

[ARW+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, KSA21, LCN+23, OGT+20, WXY+22].

**DOJO** [TSG+23]. **Domain**

[HP18, OBSB23, XHY+20, ZXX+22, Pat18].

**Domain-Specific**

[OBSB23, XHY+20, ZXX+22, HP18, Pat18].

**Domains**

[DMR+20]. **Domestic** [LWC22].

**Dot** [KBB21]. **double** [LWA+14].

**double-precision** [LWA+14]. **Driven**

[DGW+20, MRB+23, MRB+24, FHD22, LH23, 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, TLS+22]. **DVINO**

[CCC+22]. **Dynamic**

[BDdD19a, CMV21, CTKG21, DHL+21, KCGL23, LCN+23, PDLC18, TBK+19, TCH23, WW21, ZWL+20, PRP+23].

**Dynamically** [QLC20].

**E203** [SJY+22]. **Early**

[HGLD19, LNZ+22, ZGD22]. **ECG**

[HUL+22]. **Ecosystem** [AA+21, EAM+22, uhMSI19, PNG20, TZPL21]. **ECU** [ZS+23].

**ECUs** [CTSG22, COS+23]. **EDA** [GG18].

**Edge** [AYA+23, CSM+21, CXL+20, FRC+18, FSU21, GPV+22, GTP+22, HSR+23, LCF23, MST+23, MTJ+22, NPA+23, OGT+20, RRC+20, So20, TT22, WWX+24, WCGL23, YC20, GRC+19, SCM+21, WTY+23, Ra21, CV22].

**Edge-AI** [CV22]. **Edge-Computing** [CSM+21]. **Edition** [HH22]. **Education**

[HCP+21, MSJ19, MKVD23, APHD22].

**Educational** [SUM23]. **EEG** [LCF23].

**EEG-based** [LCF23]. **Effect**

[AKM20, CLW+21]. **effective** [ZG22].

**Effects** [Cho18, Cho19, TAC+22, dOTB+20].

**Efficiency**

[CPWG23, CLR+21b, CLR+21a, dAGM23, MAS18, LGB17, SAB24, WWZ+17].

**Efficient**


**eFPGA** [GCL+23, LG+23, SRD+21].

**eFPGA-Augmented** [SRD+21].

**EHE** [EGBS22]. **Eight**

[CTK23, SW+21, SW+22].

**Eight-Core**

[CTK23, SW+21, SW+22].


Extraction [GTD+23, LWLA23]. Extreme [GVP+22, GTP+22, OGT+20, RRC+20, TTT22, SCM+21]. Extreme-Edge [GVP+22, GTP+22, OGT+20, RRC+20, SCM+21].


forward [PKKK22]. Four [GZ22, LCG+23].
Four-Stage [GZ22]. FP16 [TBR+22].
FPGA
[APSH+22, BCCM21, CMV21, CKTG21, Cii21, DPV+17, DDM+20, DXYZ19, EAI19, FvHC+23, GAO21, GMV20, Gra16, GSDB18, HHI23, HCP+21, HSW23, HM21, IFO+18, JSB20, KHG20, KG22b, KFGH+23, LCYK20, LCF23, MCL22, MLPH23, MFM+19, MSJ19, MSR+21, NHML+22, OBB+24, PLSK20, PSZM21, QLC20, SUM23, SSB+19, SSD+22, TLS22, WSMRM20, WHB+22, WLC22, YLI+23, ZUSK23, ZCH22, ZC23, dOTB+20, dOK23].
FPGA-Based
[CKTG21, IFO+18, KFGH+23, OBB+24, ZUSK23, APSH+22, Cii21, KG22b].
FPGA-Optimized [MFM+19]. FPGAs
[BFC+23, HHB+19, KAR+19, KG17, MAS18, RTRM19, WW19, WW21, WWB23, ZZR+20]. FPU
[BPM+21, KGC+24, PHC+23]. Framework
[BSZ+21, DKA+22, EEE+18, GMS+23, KEAS+18, LKHK23, LNA21, LHK23, MSJ19, MSR+21, NRA+22, SSR+18, SJM+20, SSD+22, ZBZ+23, ZNF21, APHD22, BCCZ21a, MS17, MRGRCR+21a, SJP+23, SCL+21]. frameworks [KSA21]. Fraud [GLS21].
Free [DPP22, AP14]. FreeBSD [Hor20].
FreeBSD/RISC [Hor20].
FreeBSD/RISC-V [Hor20]. Freedom
[Ano21]. Frequent [DHL+21]. Frequent
[MIT21]. FrodoKEM [KFS22]. fruit
[KSAL21]. Full [BHT+21, SZHB21, Sew21].
Full-Platform [BHT+21]. Full-scale
[Sew21]. Fully
[HC20, PS22a, WCL23, ZHIP+23, Ano20]. Fully-Homomorphic [PS22a].
Fully-Parallel [ZHL+23]. Function
[GZC22]. Functional [ASE+21, JRD+23, LPZ19, YLC21, MRSBGR+20, SC17]. Functions [BKdLSGL23, CWS+24, LMP23]. future [AAC+23, TCL+21].
Galois [KGHRM23]. GaN [RLL+21].
GaN-Applications [RLL+21]. Gap
[BB21, HGD20a, HM21, FRC+18]. GAP-8
[FRC+18]. Gateway [CXL22]. Gateways
[RJ+21]. gem5 [RSRT19]. GEMM
[RCMQ24]. GEMM-based [RCMQ24].
General [SNOT21, MRGRCR+21b, TZ22].
general-purpose [TZ22]. Generated
[BHR+18, SB21]. Generating
[EEI+18, GGAARG+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, LS22, SB21].
Generic [GTCS21, OPY+18, RKH+23].
Genome [LVPSB+23]. Genotype
[MRB+23, MRB+24]. Gesture [ZWL+20].
Getting [Hor20]. GFLOPS [LWA+14].
GFLOPS/W [LWA+14]. GHz
[CSZ+20, RZAH+19a, SWW+22, SPDLP+22, WBB+18, WBB+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 [DN23]. GOST-28147-89
[DN23]. GPC [LN+23]. GPSCN
[TZ22]. GPGPU
[ETR+20, TEYK21, TYEK21]. GPUs
[TSS+22]. Grade [WMA+21, WM+22].
Grain [NRB+23, VROdT22, 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].
HAMS [KSRT23]. HAMSA-DI
Hardened-by-Replication [DAPS21].

Hardened [MSDM23]. Hardware
[AKMS20, ABM20, Hardening [AKMS20, ABM20, MSM23].

QCL [APSH21]. GPV [PLSK20].

Hyperdimensional [TBSh22]. HyperSplit [PLSk20]. hypervisor
[CLM+22, MP20a, MP20b]. Hz [TBK+19].

I/O [MRGCR+21b]. ICs [PKC+20].

Identification [FAPHD23, HCL+21, KGBH22, MGZ+23].
identifying [KSAL21]. IEEE [BBdD17, IEE21, IEE22, IEE23, TBL19, KGC+24].
IEEE-Compliant [KGC+24]. II

[AHV+21, COMP19, HWV+21, WAH21].

ILA [HYZ+19]. Image [GAO21, SG23].

Impact [Cho18, Chao19, KCGL23, VMO+23, YLT22, WSMRM20]. Implantable
[AMG+20, GRCCRG+20, MRAM+23].

Implement [LCCS21, VOK+22].

Implementation
[ABC+20, ASE+21, CTN18, Cil21, FWZL19, FHD22, GAO21, GSDB18, HHH23, HSWM23, HSEKD21, HMTL21, HM21, ISM+23, JSB20, KS22, KKE+22, LHC19,
**IoT-Driven** [FAPHD23]. **IP** [BBVB20, Bis21, BGVBB18, HHB+19, KHH22, PPS+19, PH18, TL22, WDDM22, ZCH22]. **IP-XACT** [PPS+19, PH18] [CSM20, LGB17, LVR22, GFB24]. **Irradiation** [SML+22]. **ISA** [AKMS21, AS18, ABP22, AHB20, BPF+22, BBVB20, BP21, BGVBB18, Chi23, Chi24, FAPHD23, GTC+20, GBP21, GMMK+23, GFB+24, IZG22, KGHMR23, LCN+23, LGB17, LVR+20, MAS18, MB16, PLY+15, SZHB21, SFGB20, TMR+19, T22, TBLD23, TEYK21, TYEK21, TML+17a, TML+17b, TML+17c, WAD21, WGBZ+23, YMF+22, ZTC21]. **ISA-Level** [FAPHD23]. **ISAs** [KRR22]. **ISE** [MP21]. **Isolation** [CY+22, KLL+20]. **Issue** [EGBS22, KSR+23, SZHB21]. **ITUS** [KCHYM19].

*Japan* [TBL19]. **JIT** [DCL+23]. **July** [BBdD+17]. **June** [IEE+21, TBL19].

**Kernel** [GPL+22, HYML23, SMOM19, VMFL23]. **Key** [DNKDN+24, ML+23]. **Keys** [DCEJ+21]. **Keystone** [SNOT20, SNOT21]. **kHz** [TBK+19, WMB+18, WBM+19]. **Kid** [SEM+19]. **Kitten** [GPL+22]. **Klessydra** [CSM*+21]. **Klessydra-T** [CSM*+21]. **Kyoto** [TBL19].

**LAC** [FSS+20]. **Languages** [WWN23]. **Large** [gMCP19]. **Large-Scaled** [gMCP19]. **Last** [CTK22, CTK23]. **Latency** [MLPH23, MST+23, RRC+20, RHD+23]. **Layer** [KYD+21, Suv21a, VOK+22]. **Layout** [PGTD23]. **Leakage** [Bi21, PAFJ+23, POMD22, TBK+19]. **Leakage-Suppression** [TBK+19]. **Learn** [LF+22]. **Learning** [AEAS21, FHY19, HSL+23, RRC+20, SLCK21, SSD+22, TBR+22, KMS22, RCMQ24]. **led** [Chi23]. **Left** [AS22]. **LeNet** [FWZL19]. **LeNet-5** [FWZL19]. **Length** [MAS18]. **Level** [CKTK22, CTK23, DD+20, FAPHD23, GMS+23, GRD22, HYML23, HI23, HGJD20, HZS+19, MMGC20, RGD21, WZT+20, WGZ+23, YLT22, APHD22, CLM+22, HGD20, KLP+20, MRGRC21]. **Level-1** [DD+20]. **Leverage** [FDM22]. **Leveraging** [RHD+23, KG22]. **Libraries** [FTRH20]. **Library** [GRC+19, Liu21, SEG20, SNOT20, Ano20]. **License** [LRF+21]. **LiFi** [SMP+23]. **LiFi-CFI** [RSM+23]. **Light** [RS+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, LBP+21, MCL+21, MCL22, MLPH23, ML+23, MCB22, OBS23, PHE+23, SHZB21, SMJ21, TBSH22, TGMD20, TGMD21, MPP21, MP20a, MP20b]. **Limitations** [RHS+22]. **line** [RCS+19]. **Linear** [FTRH20, GTD+23, ZGD22]. **LinearUCB** [ABM+23]. **Linux** [CIPR21, DRN+23, ILG19, OBSB23, PS22a, SGP+23, SMOM19, VTS+23, ZBJ19]. **Linux-Canbera** [OBSB23, CIPR21]. **Linux-Ready** [ PS22a, ZBI19]. **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** [PAP+23]. **Localization** [SJER23]. **Lock** [NKT23]. **Lock-Step** [NKT23]. **Lockstep** [SAF+23]. **Logic** [EA19, HLP+24, TBK+19, AFP+17]. **London** [BBdD+17]. **Long** [QLC20, GMFC23, VMFL23]. **long-vector** [GMFC23]. **Look** [SMP+22]. **Looking**
[BSZ+21, BSZ+24, LHK23, SVM+23, TSW+23, TAC+22, ZBZ+23].
Microarchitectures [KIS22]. Microcoded
[KG22]. 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, TKB+19, UD18, UD20, WT19, WCL23, BMM+20, BCM+21].
Microprocessors [AMRC21, LWC+16].
MicroRV32 [APHD22]. Microscopy
[SG23]. MicroTESK [CKK+18]. Millimeter
[KKH+20]. Millimeter-wave
[KKH+20]. Milliwatts [RHD+23].
MiniFloat [BPF+22]. MiniFloat-NN
[BPF+22]. Minimal [BSK22, JK20].
Minimally [TBLD23]. MINOTAuR
[GR+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, DTE+22, HH23, SJER23].
ML-Based [SJER23]. mm2
[LCG+23, LCG+23]. Mobile
[KKH+20, USQ+22, ZSM20]. Mode
[HJM24]. 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, KGH20]. Module
[TA22, WTZ+20, DZZZ23, MRGRCR+21b, TDTP+21, ZXXH22]. Module-LWE
[ZXXH22]. Modules [AKMS21].
Monitoring [CTSG22, DEC+18, LYZ20, SMB17, ZHX+22]. Monte [BFP+22].
MOPS [GAE+23]. MOPS/mW [GAE+23].
Morelo [Sew21]. moreMCU [SAB22].
Morphus [AHV+21, HWV+21].
Motorcycle [ZS23]. Moving [DAKK19].
MPSoC [EEI+18, LVR+20, MSB+21, NRB+22, NLLH22]. MPSoCs
[KAR+19, KEAS+18]. MRAM
[GAE+23, HWJ23, J23, ZBA+20].
MRAM-Based [HWJ23]. MS [DUM+19].
Multi
Multi-Accelerator [GZK+21].
Multi-Armed [DKT+23]. Multi-Core
[BBV+23, CXL+20a, EH20, GZH+21, HWJ23, LRF+21, PCA+24, SGP+23, TH22, WTY+23].
Multi-Grain [VRDIT22].
Multi-Layer [KYD+21]. 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, JH21, PHC+23, PAC21, PGW+20, VMO+22, VMO+23, FKS22, RCMQO24]. Multiple
[BDdD19b, GFG+19, KKEG22].
Multiplication [BPLS23, ERGK21, KZH22, SSS+22, TBR+22, GBP21]. Multiplier
[VSD22]. Multiprecision [CSZ+20].
multiPULPly [ERGK21]. Multirate
[BHR+18]. Multithreaded
[CSC+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]. NanoWattch [TLB+22]. Native [MDPM24, WNN23]. natural
[BRH+19, CSZ+20, CCA+18a, KCR+17, LGC+23, MSFK21, NWP+23, PCO+23, RZAH+19b, SA2+20, SWW+22, UD18, UD20, WBB+18, WBB+19, WS2+20, WCL23, ZB19, ZLP+16, ZCNA17]. NN
[BPF+22, GRC+19]. NoC [EEI+18, KG17, KEAS+18, NRA+22, PKC+20]. NoC-Based [EEI+18, KEAS+18]. NoC-MPSoc [NRA+22]. Node [CPG+23, RRC+20].
Nodes [GTC+21a, GTC+21b, SRD+21]. NOEL [And20, SAF+23, dOK23]. NOEL-V [And20, SAF+23, dOK23]. Non [DDM+20, KGHRM23, MTT21].
Non-Binary [KGHRM23]. Non-Blocking [DDM+20]. Non-Volatile [MTT21].
[TFB+19, TLL+22].
operations [CRS21]. Opportunities [LVPSB23]. Optical [KMB22, PAPJ23].
Optimal [OCC21]. Optimisation [HH23, WWW23]. optimised [PIL21].
Optimization [BSW21, BDB21, HJJ23, Lin21, Zha22, GMFC23]. Optimizations
[KCGL23, VOK22, CLC21]. Optimized [CPLS23, DPP22, KS22, KKE22, PSS23,
PSM23, SLB23, CSM2, HUL22, KK21, MF219]. Optimizing
[LVR20, TTB22, WWX24]. Optimum
[RSA23, KSA21]. Order
[Ano23a, Ant22, CPWG23, CXL20a, CCA218a, CCA218b, DMM20, GZ22,
LHD21, MFM20, SGP23, SS22, SPDLP22, ZTC21, PRS215, RPD215].
organisation [SC21]. Organization
[LF22, OCC217]. Oriented
[GVT22, KGB22]. Original [GTD23].
Orthogonal [WZW219]. OSEK [DL217].
OSEK-V [DL217]. OTA [SCL21].
Out-of-Order [Ano23a, Ant22, CPWG23, CXL20a, CCA218a, CCA218b, DMM20,
GZ22, LHD21, MFM20, SGP23, SS22, SPDLP22, ZTC21, RPD215]. Overhead
[S22].
Overlay [BCCM21]. Overlays [VROdlT22].
Overview [APHD21a, HHH219]. Own
[Szk21].

P [CLC21]. P870 [Ano23d]. Pacemaker
[VNY23]. Packed [LY23, YCL23].
Packed-SIMD [LYL23]. Packet
[PLSK20, DKC21, WWW21]. Parallel
[GRC219, Gra16, MAS18, MGZ23,
NRB23, OBB24, RCMOQ24, ZHL23,
HC20]. Parallel-Execution-Unit [MAS218].
Parallelization [BZVCB23]. Parallelizing
[KMB22]. Partial
[CMV21, CTPG21, WW21]. Partitioning
[RHS22]. Pass [DNKDN24, AF217].
Password [XZW22]. patches [HUL22].
Path [RKRF21]. Paths [KRR22]. Pattern
[TT22]. Patterns [MTT21]. Paving
[BFP22]. Payment [ZSM20]. PCI [Lu22],
PCI-E [Lu22]. PCIe [CRMR23]. PCs
[LF22]. Penetration [CXLL22].
Perception [MST23]. Perceptron
[KYD21]. PERCIVAL
[MMD22b, MMD22c, MDMP24]. Perf
[SNOT21]. Performance [AS22, Ano23c,
Ano23d, BFP22, Bis21, BP21, CXL20a,
CTSG22, DMM20, DRN23, FHL22,
HGD20b, JBR23, LYH20, LRB18, MAS18,
MZZG22, MPU20, MCB22, PAPJ23,
QCL23, SJR23, SSS20, SS22, SMB21,
SN20, SNOT21, T21, TLS22, ZB19,
ZGMD22, ZGD22, ZCH23, ZXXH22,
CS22, DKK21, HK20, JS23, KHH22,
MS27, SAB24, TLS22, WWL20, ZCH22].
PERI1 [TRK19]. PERK1 [TRK21]. Periodical
[DWG20]. Periodical-Driven [DWG20].
Peripheral [EHN23]. peRISC
[VGT22]. Perspective
[CDP22, SMP22, AAC23]. Petaflop
Photovoltaic [DL22]. Physical
[APHD21b, GKB22, HYL23, LHK23,
MST23, NNP23, NAL22, WSU19].
Physical-Aware [LHK23]. PIC [SG23].
Pipeline [CXL20a, EGB22, OCC217,
ZZZ21, GM20, MG22, YTL23].
Pipelined [PDP22, PMK22, PNV22,
QCL23, TGT23]. pipelining [CS22].
[UD18]. Plate [LRF21]. Platform
[AKMS20, APHD21b, Ben23, BWP22,
BHT21, CSO23, EMMB19, GGH22,
IFO218, JHL21, KG22c, LCYK20, LCF23,
gMCP19, NGS20, OBS23, QY221, SAB22,
WZT20, WYK21, WNN23, WMA21,
WMR22, ZHL22, ZUS23, APHD22,
DG217, FKS22, HGP20, HG22].
Platforms
[Ano21, MSP23, WWX24, CIPR21]. PLL
[RZA21b, RZA21a]. Plug [OBS23].
Plug-In [OBSB23]. Pluggable [MC22].
Points [JZWL23]. Poisoning [AVS+22].
Poly[ XY21]. Policy
[HWJ23, SSS+22]. Polynomial
[KZH22, WMGD23]. popularity [Chi23].
Portable [BCZZ1a, LYL23, WHB+22].
Porting [GPL22, Zha22]. Portland [IEE23].
Posit [CLR+21b, CLR+21a, CRSS22, KK23, MESSS23, MMD+22a, MMD+22b, MMD+22c, MDPM24, SJM+20, TRGK19, TRGK21, CRSS21, SJP+23].
Post
[EKAK22, FSGM+19, FS2020, GJC23, HBSE22, KSFS24, KGHRM23, LKKK22, NDZ+21, PGTGD23, PGZMG21, RFS20, TH22, XHY+20, ZKS+23, MRGRCR+21a].
Post-Layout [PGTD23]. Post-Quantum
[EKAK22, FS2020, GJC23, HBSE22, KSFS24, KGHRM23, LKKK22, PGZMG21, RFS20, XHY+20, ZKS+23].
Post-Silicon [TH22, MRGRCR+21a].
Potential [LMP23]. Power
Powered
[TLB+22, AAC+23]. PPMU [CTSG22].
Practical [MKVD23, VOK+22]. Precision
[AWB+23, BPF+22, BDD19a, CRP+23, GFB+24, KGC+24, LCN+23, NR+23, OGT+20, PCO+23, RSR21, YCL+23, BDD19b, HSL+23, IWA+14, ZWZL+20].
Precision-Scalable [CRP+23].
Predictability [GCCR21]. Predictable
[GCR+23]. Prediction [BWP22, SLCK21].
Predictor [CSM22]. PRESENT
[GM21]. Preventing [ARH+22].
Prevention [WSG+21]. PRINCE
[MCL22]. Principle [KG22c]. Printer
[YL+23]. Privilege [TZG+23]. Privileged
[WAH21]. Proceedings
[IEE23, GD19, IEE21, IEE22]. Process
[HMTL21]. Processing
[AVAG21, ABP22, CCG+19, CCG21, CRRS22, GA201, HWG22, MESS23, PCA+24, RMF22, SG23, SED+23, Su21, ZB19, ZBB+20, DCK+21, KHH22, WWZL17].
Processor
[TS20, TSSH22, TT22, TGT+23, TCH23, VRDlT22, WDD22, WTS21, WMDG23, WW19, WSK+20, XY+20, ZLC19, ZTC21, ZWB19, ZGL+21, ZGD22, ZGG23, ZXXH22, ZHC22, ZLP+16, ZCNA17, ZC23, dOTB+20, DOK23, AvAG21, AFP+17, BWGB18, CMV21, CPL+24, CSM22, DUM+19, DPV+17,
DZZZ23, DAK+21, EHN23, FvHC+23, GAE+23, GMV20, GWY+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.

Prospects

[MLD].

Processors


Product

[CXL+20a, KBBA17]. Prof5

[SCA+22]. profiler [SCA+22]. Program

[CKK+18]. Programmable

[Ant22, CTSG22, DEC+18, EA19, HCL+21, Lu22, PLH+22, SAW+20, TSS+22].

Programming

[BBV+23, HLP+24, KGBH22, WDM22, WBN23]. Programs

[WY23, ZPRD23]. Progress

[HWG22, Lin21]. Project [AAC+23].

Projects

[RBK18]. Propagated [LHT+21].

Properties

[CAL23]. Proposal [KKOY19].

Prospects

[RBK+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, HPDP20].

Prototypes

[HGLD19, HGTD20, HG20b, HGTD21].

Pruned

[MRK+23]. Public [MLD+23].

Public-Key


[MRGR+21b, TZ22]. PUSCH


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, NR+23].

Quantum

[EAK22, FSGM+19, FSS20, GJC23, HSBE22, KSFS24, KGHRM23, LKKK22, NDZ+21, PGZ20, RFS20, XHY+20, ZKS+23]. Quark

[ADF+23, NWP+23]. Quire [MMD+22a, MMD+22b, MMD+22c, SJP+23].

quire-enabled [SJ+23].

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

Radio

[ABH20, PACB21]. Radix [HSE+24].

Radix-4 [HSE+24]. RAE [WWL+20].

RAM

[DXYZ19]. Random [APHD21a, DHL+21, TTB22, TTDD21, LS22].

Randomization

[ZZL+22]. Randomized

[JRW+23]. Range [UD18]. RANTT

[KA20]. Rapid [GGH+22, LPZ19]. RAS

[ZZZ+23]. Rate [ZHL+23]. Rates [YLC21].

Raven

[LZW+15]. Razor [VKG22].

Reader

[PW17a]. Ready

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

Real-Time

[HSWM23, KFGH+23, LHD+21, LHC+21, MSDM23, PLH+22, WBH+18, WBH+19, ZHX+22, APSH+22, BB21, HCL+21, LCF23].

REALISE

[MLD+23]. REALISE-IoT

[MLD+23]. Reality [SED+23]. Realization

[KDKN+24, NAL22]. Reason [TDPD+21].

Recognition

[GXLW22, LRF+21, ZWL+20, DZZ22].
Recommendation [DEA+21, DtEt22].
Reconfigurable [DAHK20, LYZH20, gMCP19, SR22, Swu21b, VRoDiT22, 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].

Resilient [CCA+18b, DBP21, NRLH22, WCL23].

Resisted [DHL+21]. Resolution [WBH+18, WBH+19]. Resource [AHH20, ET21, dAGM23, IK21b, JBK23, PACB21, SCL+21, ZCH22].


TTB22, TS20, TMR +19, TBSH22, TLS22, TT22, TBS +21, TZPL21, TH22, TZZ +21, TZ22, TZG +23, TGDMD20, TGDMD21, TBLD23, TDPP +21, TEYK21, TEYK21, TSS +22, TGRK19, TGRK21, TGT +23, TAC +22, TSABTM20]. **RISC**


[ZSM20, ZSM21, ZS23, ZJX20, ZHL +23, ZBA +20, ZLP +15, ZCNA16, ZLP +16, ZCNA17, ZG22, ZPL +23, ZNF21, ZZZ +22, ZC23, dOTB +20]. **RISC-HD** [TBSH22].

**RISC-V**


**RISC-V-Based** [HHL23, MJK+23, PCG+23, QCL20, RMR21, TBR+22, BCCM21, GGH+22, GGÄRG+21, HSL+23, HUL+22, KSSMRB23, RLL+21, SJP+23], **RISC-V/Tensor** [DEA+21, DiEl22], **RISC-V3** [KRRF21], **RISC-V** [JHLD21], **RISC-V** [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** [AHLB20, CDF+20, PABC21], **RNN-based** [AHLB20, PABC21], **Road** [BFP+22].

**Roadmap** [FDMM22], **Robotics** [LCYK20], **Rocket** [Ano23e, LBDPP19, LNB+23, SBJ21], **Root** [HSE+24], **Roots** [Gen24], **ROS** [LCYK20], **ROS-Based** [LCYK20], **rotation** [HC20].

**Routed** [KG17], **RSA** [KSSMRB23], **RSM** [TGMD21], **RTOS** [DL17], **Running** [GDR+22, IVZV20], **Runtime** [HGTGD20, LWLA23, SAB22, WWN23, WRD+17], **Runtime-reconfigurable** [SAB22, WRD+17], **RV** [CKTG21], **RV-CAP** [CKTG21], **RV32E** [Ano20], **RV32I** [DPP22, GRCRG+20], **RV32IMAC** [DWG+20], **RV32X** [WY23], **RVCoreP** [KK21], **RVCoreP-32IC** [KK21], **RvDi** [FHL+22], **RVFC** [XLZ23], **Rvfs** [HCP+21], **RVNet** [WWZL23], **RVCoC** [EEI+18], **RV** [PCA+24].

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