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Title word cross-reference

16×16 [AEJ+00]. 3
[Awa95, Bat97, DFG+13, Jay98, Kre98,
LR98, MMG+98, Pot97, Tre96, Tre97].
 64×64 [Wei00].
0.35-micron [BB96]. **0.5W** [San96].
1 [Bre10, Kru00, Ste95]. **1/4** [PAGC+97].
1/4-Inch [PAGC+97]. **100** [PSW91].
100-Mops [PSW91]. **1000-Way** [LL98].
100Kbit [Oru94]. **100Kbit/s** [Oru94]. **110**
[San96]. **1100** [Sla97]. **115W** [Ano93a]. **12**
[DTB01]. **12-bit** [OKN+00]. **13** [KW02].
1300 [SLR+99]. **14** [WD03]. **15** [FD04]. **150**
[SHMS95]. **1500** [Gan98]. **16** [DD05, FH99].
16-Core [FJL+13]. **160MHz** [San96].
16bps [CEF+99]. **19** [AM08]. **19-20** [Rei96].

196 [CES+11]. **1993** [IEE93]. **1994** [IEE94].
1995 [IEE95]. **1996** [IEE96, Rei96]. **1997**
[IEE97]. **1999** [IEE99]. **1GHz** [MBB+99].
2 [KSI+96, Lee97, MS03, NTK+97, Nga95,
OWJF98, RMC04]. **2.0** [Lee97]. **2000**
[IEE00]. **2001** [IEE01]. **2002** [IEE02]. **2003**
[IEE03]. **2004** [IEE04]. **2005** [IEE05]. **2006**
[IEE06]. **2007** [IEE07]. **2008** [IEE08]. **2009**
[IEE09]. **2010** [IEE10]. **2011** [IEE11]. **2012**
[IEE12]. **2013** [IEE13]. **21** [AW10]. **21164**
[BB96, ERPR95]. **21264** [Kes98]. **21264a**
[BVD+99]. **215Hz** [CVS+00]. **21st** [Sam99].
22 [RE11]. **23** [BB12]. **230MHz** [O'D99].
24 [KZ13]. **25** [NN14]. **29K** [McM95].
3 [HWG+09, Tre98]. **300**
[Ano93a, Gan98, Nt97]. **32**
[CHH+98, KS90, Rub97, RDJ+13]. **32-bit**
[NTK+97, KS90]. **32-nm** [RDJ+13].

32-Way [KAO05]. **32b** [San96, Ano93a]. **3DNow** [OWJF98].

4 [GDES08]. **4-Gbps** [GDES08]. **4-Inch** [PAGC+97]. **40-nm** [Man09]. **440LX** [Mal97]. **4MB** [Shi98]. **4x** [KKK+99].

5 [Bro00]. **5-qubit** [CVS+00]. **5.5** [KIS+99]. **50Mpixel** [OKN+00]. **50Mpixel/s** [OKN+00]. **5W** [Bur97, O'D99].

600 [Kes98, LL98]. **64** [Fan99a, Kni99a, Kni99b]. **64-bit** [LL98, Naa95, Nt97, She95, SBKK99, Tre95]. **64-Core** [DFG+13]. **65nm** [DAV06]. **6800** [MM05]. **6M** [RMC04].

8000 [Naa95]. **8500** [Joh98]. **870** [BCC+02].

90nm [FSP06].

A/V [GDES08]. **Accelerated** [BCF+14]. **Accelerating** [Bir98, DDC+98, ESG+05, KKSS99, Lee95, TKS+99]. **Accelerator** [Buc97, Kre98, MMG+98, PAA+06, Pia98, YYA06, Pri90, Dja96]. **Access** [O'C00a]. **Across** [DDC+98]. **Active** [PAGC+97]. **Adapter** [Edd02]. **Adaptive** [FAWR+11]. **Address**

[Kut99, O'C00b, O'C00a, OG01, Vit00].

Advances [Hun97]. **Afternoon** [Dub97, Pra96]. **AGP** [KKK+99]. **AGPset** [Mal97]. **Alchemy** [Plu00a]. **Algorithm** [CD95]. **Algorithms** [Vis99]. **Alpha** [Ano93b, BVD+99, BB96, ERPR95, Kes98, Rub97]. **Altivec** [DDC+98, Phi98]. **Alto** [IEE98]. **AMD** [BCF+14, BFS12, BCD+11, Chr95, Chr96, CKD+10, KKK+99, KMAC03, OWJF98, OS08]. **AMD-K5** [Chr95, Chr96]. **AMULET2e** [Gar96]. **AMULET3i** [Gar00]. **Analog** [OKN+00, OW01]. **Anatomy** [THT+04]. **Annual** [Ste90a, Ste90b]. **Appliances** [JSR+99]. **Application** [GHSV+11].

Applications [BYM+06, FM95, HYYS96, KTP+99, LCP+11, Rub97, SC91, TSI06, Ano93b, Yea96]. **Applied** [RSS98].

Approach [BBSG11, KR96]. **APU** [BFS12].

Architecting [CM00]. **Architectural**

[Bro00, Dub97]. **Architecture** [Als90, Ano93b, Cas00, CEM+95, CAV+14, CH06, Gol00, GHSV+11, Hed00, Joy96, Kni99a, KFL99, KTP+99, KIS+00, LR98, LNOM08, Nem95, Nga95, OS08, Phi98, PSS+91, Rat98, RNA+12, SL00, TUHWH99, Tre99, Tru97, WKP11, Yeh06, YYA06, Chr96, Hes07, OB91, Pri90, SMHB91, TO96a, BDH03].

Architectures [Vis99]. **ARM** [San96].

ARM810 [Lar96]. **ARM9E** [Seg99].

ARM9ESP [Bur99]. **ARM9TDMI**

[Bur99]. **Array** [BYM+06]. **AsAP**

[BYM+06]. **ASIC** [CC95, Man09, Pfi99].

associated [Mal97]. **Asynchronous**

[BYM+06, Gar00]. **Athlon** [KKK+99].

ATSC [Par98]. **Attached** [Gan98]. **Au1000**

[Plu00a]. **Audio** [FM95, Sav98, Ste95].

Audio/Video [Ste95]. **Auditorium**

[IEE98, IEE13]. **August**

[IEE93, IEE94, IEE95, IEE96, IEE97, IEE98,

IEE99, IEE00, IEE01, IEE02, IEE03, IEE04,

IEE05, IEE06, IEE07, IEE08, IEE09, IEE10,

IEE11, IEE12, IEE13, Rei96].

Automatically [AAW+96]. **Availability**

[Qua00]. **AXP** [Ano93b].

Bandwidth [SL00]. **Based**

[WMSH09, IDTS00]. **Basics** [Kni99a].

Basics/Introduction [Kni99a]. **BCM4100**

[FH99]. **BCM4100/BCM4210** [FH99].

BCM5600 [EM99]. **Beast** [Gar95]. **Beat**

[Lar96]. **Below** [FSP06]. **benchmark**

[AAW+96]. **Berkeley** [CFK+10]. **Best**

[Bas00, WBC+96]. **Better** [Ber98, Gar95].

Beyond [Hes07, LCP+11]. **Big** [MMG+98].

Binary [CHH+98]. **bipolar** [Ano93a]. **bit**

[LL98, Naa95, NTK+97, Nt97, OKN+00,

She95, SBKK99, Tre95, KS90]. **Blitzen**

[Kre98]. **Block** [BCC+02]. **Blocking**

[AEJ⁺00]. **Blue** [HOF⁺12]. **board** [MKN⁺98]. **Bobcat** [BCD⁺11]. **Boost** [Gol00]. **bottleneck** [Joh90]. **Boundaries** [NCT⁺98]. **bridge** [WBC⁺95, RNA⁺12]. **bridge/memory** [WBC⁺95]. **Bringing** [Khu96]. **Broadband** [Gol00, Sam99, Sam00b]. **Broadcasting** [Hun97]. **Broadcom** [EM99, SP09]. **Building** [BCC⁺02, Gar95, SP09]. **Bulldozer** [BBSG11]. **Buses** [Jam90].

C [Bro00]. **C-5** [Bro00]. **C-Port** [Bro00]. **C400** [SMHB91]. **C64x** [Gol00]. **CA** [IEE93, IEE94]. **CA1024** [SBS⁺06]. **Cache** [Bur97, CKD⁺10, Faa98, RMC04]. **Caches** [Cha96]. **California** [IEE95, IEE96, IEE97, IEE99, IEE00, IEE01, IEE02, IEE03, IEE04, IEE05, IEE06, IEE07, IEE08, IEE09, IEE10, IEE11, IEE12, IEE13, IEE98]. **Calisto** [NIJ⁺03]. **Camera** [Fos98]. **Capabilities** [vES98]. **Capacity** [Shi98]. **Cartridge** [Sam00a]. **Case** [PAY96]. **Casting** [Pfi99]. **CD** [FM95]. **CDMA** [She99b]. **Center** [IEE12]. **Centip3De** [DFG⁺13]. **Century** [Sam99]. **Chairs** [JW98]. **Challenge** [Wha98]. **Challenges** [Pen90, Rab06, Won03, Mal97]. **Change** [Gon99]. **Channel** [Edd02]. **Chess** [hH98, hH98]. **Chip** [AEJ⁺00, Ari96, Awa95, ASN⁺99, BCF⁺14, BWBJ11, Bur97, CD95, EGL⁺90a, EM99, FM95, FAWR⁺11, Fos98, FH00, Gar00, HOF⁺12, hH98, KST04, KML04, Kec97, KSIA95, McC99, NIJ⁺03, NCT⁺98, Oru94, PAGC⁺97, Pet00, Plu00a, Pot97, Rat98, SC91, SO14, SGG⁺12, Shi98, Ste95, SBS⁺06, TSW⁺01, Wei00, Ano93d, KSI⁺96, MKN⁺98, TO96a]. **Chips** [AS95, Alt13, Alt14, AAFH95, AM08, AW10, BS98, BB12, DTB01, DD05, Dit00, FD04, HW91, IEE94, IEE97, IEE99, IEE00, IEE01, IEE02, IEE03, IEE04, IEE05, IEE06, IEE07, IEE08, IEE09, IEE10, IEE11, IEE12, IEE13, Joh90, KZ13, KW02, Mat97, NN14, Rat06, Rei96, RE11, RC13, Ste90a, Ste90b, WD03, IEE93, IEE95, IEE96, IEE98, JA96, Alt11, Jou92, KvdW09]. **Chips-III** [Jou92]. **Chipset** [CEF⁺99, FH99, GDES08]. **Chipsets** [Par98]. **Circuit** [Kid14]. **Circuits** [TKM⁺02]. **Classifier** [IDTS00]. **ClassiPI** [IDTS00]. **Clipper** [SMHB91]. **clock** [Cra90]. **Clockless** [Cum04]. **close** [hH98]. **Cluster** [BDH03]. **CMOS** [San96, AEJ⁺00, Ano94c, Faa98, PAGC⁺97, RDJ⁺13]. **CMP** [CH06, HHS⁺99, HHS⁺00]. **CMT** [CCE⁺09]. **Co** [Hay97, JW98, KKO06]. **Co-Chairs** [JW98]. **Co-Processor** [Hay97, KKO06]. **Code** [RNA⁺12]. **Code-Named** [RNA⁺12]. **Codes** [Rat06]. **Collaborative** [Mey06]. **Color** [BD99]. **Combining** [TO96a]. **Commercial** [SBKK99]. **Commodity** [Ros99]. **Common** [Man09]. **Communications** [CAV⁺14, Gol00, Hun97, LS98, NIJ⁺03, Sam99, She99a, She99b, Sla97]. **Companies** [Bas00]. **Compatible** [Bos96]. **Compilation** [Fan99b]. **Compiler** [ADG⁺96, Fan99a, Pen90, TGK⁺96]. **Compilers** [AAFH95, KFL99]. **Complexity** [MM96]. **Compliant** [Par98]. **Compositing** [Dja96]. **Compression** [AHM⁺00, CD95, Nga95]. **Computation** [SVC01, CVS⁺00]. **Computational** [TKM⁺02]. **Compute** [BBSG11, HOF⁺12]. **Computer** [Bre10, Kut99, RSS98]. **Computing** [BJ06, CFK⁺10, DHM97, Dit00, KKSS99, LNOM08, LCP⁺11, MYK⁺10, McC99, ND10, TKS⁺99]. **concurrency** [Yea96]. **conference** [IEE98]. **Configurable** [DHM97, Gon99, Gon00]. **Configuration** [MKN⁺98]. **Confronting** [Wha98]. **Connected** [Sam99]. **Connecting** [FH00]. **connections** [SL00]. **Considerations** [Wei96]. **Consumer** [FM95, KTP⁺99]. **Content** [IDTS00]. **Continue** [Jam90]. **Continuous** [ABD⁺97]. **Controller** [Bur97, NABR95, TSW⁺01, Tre98, WBC⁺95]. **Convey** [Bre10]. **Cool**

[Dit00, Rat06, Ano93d]. **Cooler** [Bal95]. **Coprocessor** [DKB⁺90, Bar97]. **Coprocessors** [BSC⁺90]. **Core** [CC95, DFG⁺13, FZW⁺12, FJL⁺13, HMB⁺14, Hes07, KST04, Kru00, MB05, Sha00a, Sha00b]. **Cost** [BCC⁺02, Luc99, SBS⁺06, Ano93b, KSI⁺96, SLR⁺99]. **Cost-Effective** [BCC⁺02, SBS⁺06, KSI⁺96]. **Coupled** [LR98]. **Court** [WBC⁺96]. **CPU** [Cra90, Gan98, HMR96, Kum96, Mod97, Nt97]. **CPUs** [ESG⁺05, Ber98]. **Crossbar** [Cum04, Wei00]. **Crusoe** [Dit00, Fle00]. **Cryptography** [Bir98]. **Cryptosystems** [ESG⁺05]. **Crystal** [BD99]. **Cupertino** [IEE12]. **Custom** [Dja96, Faa98]. **Cutting** [Fle00, LB00]. **Cutting-Edge** [LB00]. **CW4010** [CC95]. **cycle** [Cra90]. **Cycles** [ABD⁺97].

D [Awa95, Bat97, DFG⁺13, Jay98, Kre98, LR98, MMG⁺98, Pot97, Shi98, Tre96, Tre97]. **DAC** [Dja96]. **Dancing** [Lar96]. **Dark** [GHSV⁺11]. **DataPlay** [Dav02]. **Datawave** [SC91]. **DDC** [Kid14]. **Debuts** [AHM⁺00]. **DECchip21066** [Ano93b]. **Decoder** [Ste95]. **Decoding** [MD06]. **Defining** [War97]. **Definition** [MD06]. **Delay** [NTK⁺97]. **Delta** [Tre96]. **dense** [FSP06]. **Design** [BTR02, BB96, Dub97, EGL⁺90b, EGL⁺90a, Gon99, MBB⁺99, RSS⁺08, SMHB91, SBKK99, WP97, Won03, Joh90, Pap96]. **Designing** [hH98, WBC⁺95]. **Designs** [LB00]. **Desktop** [Khu96]. **Developing** [BSC⁺90, Chr96, Pri90]. **Development** [Mey06, Chr96, Mal97]. **Device** [DHM97]. **Devices** [Vit00]. **did** [hH98]. **dies** [Pap96]. **Different** [Lar96]. **Digital** [Fos98, OKN⁺00, OW01, PAGC⁺97, Sav98, TP10, THT⁺04, Rub97]. **Directed** [CHH⁺98]. **DirectX** [Tre98]. **Discussion** [vdWAB⁺06, GTB99]. **Display** [BD99]. **Distributed** [NABR95]. **Distribution** [Dav02, DHM97]. **Do** [ABD⁺97]. **DRAM** [KGM⁺00, LR98, O'C00b, O'C00a, PAY96, Shi98]. **DRAMs** [Prz97]. **Driven** [DSK⁺92]. **Drum** [Lar96]. **DSP** [CAV⁺14]. **DTV** [Par98, Rat98]. **Dual** [KST04, MB05]. **Dual-Core** [KST04, MB05]. **Dual-Thread** [MB05]. **Dust** [WAP00]. **Dynamic** [Fan99b, Mod97]. **Dynamically** [SGG⁺12, YYA06].

ECL [Ano93a, BAC⁺90]. **Economics** [WD03]. **Edge** [BWBj11, LB00, Plu00a]. **Editors** [AS95, AM08, AW10, BS98, DTB01, FD04, HW91, JA96, KW02, LB00, WD03]. **Effective** [BCC⁺02, SBS⁺06, KSI⁺96]. **Effectiveness** [Lee97]. **Effects** [Joh98]. **Efficient** [Bat97, DSK⁺92, FZW⁺12, MD06, TUHwh99]. **efficiently** [Yea96]. **Eight** [FJL⁺13]. **Electronics** [RSS98]. **eliminate** [Joh90]. **Embedded** [ASK97, Cum04, KGM⁺00, LR98, O'C00b, O'C00a, SANK98]. **Emotion** [KIS⁺99, KIS⁺00]. **Emphasizing** [Yea96]. **EMU10K1** [Sav98]. **Emulation** [HWG⁺09]. **Emulator** [HMR96]. **Enabling** [Sam99, Seg99, Vit00]. **Encoder** [KSIA95, MKN⁺98, Nga95, KSI⁺96]. **End** [OKN⁺00, OW01, Vin07]. **Endian** [Jam90]. **Energy** [FAWR⁺11]. **Engine** [ACD⁺00]. **Engines** [NABR95]. **Enhanced** [Luc99, SLR⁺99, KGM⁺00, Lee95]. **Entertainment** [Kut99, KKO06]. **entertainment-quality** [KKO06]. **EPI41210** [CEF⁺99]. **EPI41210/EPI41100** [CEF⁺99]. **Epigram** [CEF⁺99]. **Era** [ND10]. **Establish** [NMP⁺96]. **Established** [Bas00]. **Estimation** [KSIA95]. **Ethernet** [AEJ⁺00, EM99]. **Evaluation** [EG95]. **Evening** [WBC⁺96]. **Evolving** [Bal95, Hes07]. **executing** [Cra90]. **Execution** [EG95, Kes98, Mod97, Rub97, ERPR95]. **Expanding** [NCT⁺98]. **experience** [KKO06]. **Exploiting** [Alt13]. **Exploring** [FZW⁺12]. **Exponentiation** [Oru94]. **Express** [CRTI00]. **Extensible**

[Gon99, Gon00]. **Extension** [TUHwH99].
Extensions [Gol00, Lee97, Mah96, Tha99].

Fabric [BJ06, TKM+02]. **Fabrics** [Wei00].
Face [WD03]. **Facing** [KML04]. **Families**
 [Bur99]. **Family** [Als90, Bal95, McM95,
 OS08, Plu00a, Seg99, SL00, Yeh06]. **Fast**
 [Ber98, CD95, MMG+98, O'C00b, O'C00a,
 OW01, Rub97]. **Faster** [Bal95]. **Fault**
 [RSS+08]. **Fault-Tolerant** [RSS+08].
Feature [SHMS95]. **Features**
 [FAWR+11, Kni99b, Naa95, Qua00]. **Fermi**
 [WKP11]. **Fi** [FM95]. **Field** [BD99].
Field-Sequential [BD99]. **final** [Pap96].

First

[Kag96, McM95, Plu00a, Ste90a, Ste90b].
Five [SVC01]. **Five-Qubit** [SVC01].
Flexibility [SL00]. **Flint** [IEE12]. **Floating**
 [BSC+90, DKB+90]. **Floating-Point**
 [BSC+90, DKB+90]. **Flying** [Chr96].
Forum [ES99, GTB99]. **Forward** [Joy96].
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four [TO96a]. **four-issue** [TO96a]. **Fourth**
 [HMB+14]. **Fourth-Generation** [HMB+14].
FPGA [DAV06, Man09]. **Frame** [Nga95].
Frequency [RMC04, SBJ13]. **Fresh** [KR96].
Front [OKN+00, OW01]. **Front-End**
 [OW01]. **Full** [PAGC+97]. **Fully** [SBS+06].
Functions [PAGC+97]. **Fusion** [BFS12].
Future [AAFH95, CH06, GHSV+11].
FUZION [McC99]. **FX** [Rub97, CHH+98].

G5 [SAC+98]. **Gamma** [Tre97]. **Gbps**
 [GDES08]. **GeForce** [MM05]. **Gene**
 [HOF+12]. **Gene/Q** [HOF+12]. **General**
 [ESG+05, TKM+02]. **General-Purpose**
 [ESG+05, TKM+02]. **Generation**
 [Bir98, DAV06, ESG+05, HMB+14, KSSF10,
 KKK+99, Mah96, MYK+10, Phi98, She95,
 SBJ13, Tre96, Tre98, Vit00, Web08, IDTS00].
Genesis [Cho98]. **Geometry**
 [Kre98, TUHwH99, Tre97]. **Geoscience**
 [LCP+11]. **GF100** [WKP11]. **GFLOPS**
 [KIS+99]. **Gigabit** [AEJ+00]. **Gigascale**

[Mei97]. **GLINT** [Tre96, Tre97]. **Gmicro**
 [KS90]. **Gmicro/300** [KS90]. **goals** [Pap96].
Godson [FZW+12, HWG+09]. **Godson-3**
 [HWG+09]. **Godson-T** [FZW+12]. **Good**
 [Ber98, Joh90]. **Google** [BDH03]. **GPS**
 [KTP+99]. **GPU** [ND10, WKP11].
Grandmaster [hH98]. **Graphics** [Awa95,
 Eer97, Jay98, Khu96, LNOM08, MMG+98,
 Pia98, Tre96, Tre98, Ano93c, Pri90, MM96].
GreenDroid [GHSV+11]. **Griffin** [OS08].
Guest [AS95, AM08, AW10, BS98, DTB01,
 FD04, HW91, JA96, KW02, LB00, WD03].
GX [Pri90].

HAL [She95, EG95]. **Hardware**

[BYM+06, BVD+99, Bir98, BJ06, Kal96,
 YYA06, TO96b]. **Hardware/Software**
 [Kal96]. **Haswell** [HMB+14]. **HC** [Bre10].
HC-1 [Bre10]. **HD** [GDES08]. **HDD**
 [TSI06]. **HDTV** [Hun97, SBS+06]. **Hearing**
 [WMSH09]. **Heart** [Ari96]. **Heterogeneous**
 [MD06]. **Hexagon** [CAV+14]. **Hi** [FM95].
Hi-Fi [FM95]. **hiding** [Yea96]. **Hierarchy**
 [CKD+10]. **High**
 [ASN+99, Bat97, BTR02, Cha96, CCE+09,
 CM00, Cum04, HBG+97, Jay98, Kru00,
 Kum96, LCP+11, Luc99, Mod97, MD06,
 O'C00a, Plu00a, Plu00b, Pot97, Qua00,
 RC13, Shi98, SBJ13, SLR+99, TP10, Yeh06,
 Ano94a, IEE93, IEE94, TO96a].

High-Frequency [SBJ13].

High-Performance [ASN+99, CCE+09,
 CM00, Cum04, HBG+97, Jay98, Kru00,
 LCP+11, Yeh06, IEE93, TO96a].

High-Speed [O'C00a, TP10, SLR+99].

Higher [RMC04]. **highest** [AAW+96].

Highly [CD95, EM99, Nt97, Pro06, Ano93c].

highly-integrated [Ano93c]. **HL**

[MKN+98]. **Home**

[CEF+99, FH00, JSR+99, KKO06, Rab06].

Horus [KO05]. **Hot** [Alt13, Alt14, AAFH95,
 BS98, HW91, Joh90, JA96, Rat06, Ste90a,
 Ste90b, Ano93d, AS95, Alt11, AM08, AW10,
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IEE95, IEE96, IEE97, IEE98, IEE99, IEE00, IEE01, IEE02, IEE03, IEE04, IEE05, IEE06, IEE07, IEE08, IEE09, IEE10, IEE11, IEE12, IEE13, Jou92, KvdW09, KZ13, KW02, Mat97, NN14, Rei96, RE11, WD03]. **HP** [Kum96]. **Human** [WMSH09]. **Hybrid** [Pro06]. **Hydra** [HHS+99, HHS+00]. **Hyperthreading** [KM03].

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