

DRAM

Please Note: Manufacturer may vary

Part No.	Product No.	Pkg.	Config.	Description	1	10	100
41339	4116-15	DIP-16	16k x 1	150ns (MM5290J-1R)	\$.99	\$.89	\$.79
41662	4164-150★	DIP-16	64k x 1	150ns (MCM6665-15) .....	.99	.89	.79
41574	41464-10★	DIP-18	64k x 4	100ns (HY53C464S-10)	1.69	1.59	1.45
41398	41256-120★	DIP-16	256k x 1	120ns (MB81256-12) .....	.79	.69	.59
42315	514256P-80★	DIP-20	256k x 4	80ns (UPD424256-80)	1.49	1.35	1.19
93374	514256P-70★	DIP-20	256k x 4	70ns (TC514256P-70)	1.55	1.39	1.25
128688	HM514260AJ7★	SOJ-40	256k x 16	70ns	2.95	2.75	2.49
42219	511000P-10	DIP-18	1M x 1	100ns (M5M4C1000-10)	1.95	1.49	1.25

★ Pull = Extra Savings

*SDRAMs Available Online — Enter Web Code RAY

Legacy Intel® Desktop Processors

Part No.	Description	Speed (MHz)	Package	1	10
183100	Intel Pentium® II processor	400	Slot 1	\$39.95	\$29.95
190060	Intel Pentium® II w/ heat sink	233	Slot 1	25.95	22.95
140054	Intel Pentium MMX® processor★	200	376/PGA	14.95	12.95
130841	Intel Pentium® processor	166	296/PGA	9.95	8.95

★ Pull = Extra Savings

Memory Modules

Please Note: Manufacturer may vary

*Web Code: GAG

Part No.	Product No.	Capacity	Description	Config.	Pins	1	10
148460	8MBX36-60	32MB	60ns SIMM	8M x 36	72	\$19.95	\$17.95
75096	P362000-XX-6	8MB	60ns SIMM	2M x 36	72	8.95	7.95
130729	JEEDO7208	8MB	60ns SIMM EDO	2M x 32	72	1.25	.95
75133	P361000-XX-6	4MB	60ns SIMM	1M x 36	72	6.95	5.95

Flash Memory

Please Note: Manufacturer may vary

*Web Code: KAJ

Part No.	Product No.	Pkg.	Config.	Description	1	10	100
74771	28F010-15	DIP-32	128k x 8	150ns, 5V	\$4.95	\$4.35	\$3.95
242587	29F010-120	DIP-32	128k x 8	120ns, 5V	2.95	2.75	2.49
242595	29F010-90	DIP-32	128k x 8	90ns, 5V	2.95	2.75	2.49
242608	29F010-70	DIP-32	128k x 8	70ns, 5V	3.25	2.95	2.75
74835	28F020-15	DIP-32	256k x 8	150ns, 5V	6.95	6.25	5.49
242616	29F020-12	DIP-32	256k x 8	120ns, 5V	7.95	6.95	5.95
242659	29F040-120	DIP-32	512k x 8	120ns, 5V	3.95	3.75	3.49
242667	29F040-90	DIP-32	512k x 8	90ns, 5V	4.25	3.95	3.75
321672	M25P80-VMN6	SOIC-8	1M x 8	3V w/ 40MHz SPI bus interf.	2.49	2.25	1.75
1912896	S29GL128N10TF1010 TSSOP-56		16M x 8	100ns, 3.6V	9.95	7.95	6.95

*Boot Block Flash Available Online — Enter Web Code MEH

*Page Mode Flash Available Online — Enter Web Code BCR

Flash MCUs

Part No.	Mfr. Part No.	Pkg.	Description	1	10
280268	Z8F1601PM020SC	DIP-40	16kB ROM, 2kB RAM, 31 I/O, A/D	\$8.95	\$7.95
280292	Z8F2401PM020SC	DIP-40	24kB ROM, 2kB RAM, 31 I/O, A/D	9.95	8.95
280305	Z8F2401VN020SC	PLCC-44	24kB ROM, 2kB RAM, 31 I/O, A/D	9.95	8.95
280330	Z8F3201VN020SC	PLCC-44	32kB ROM, 2kB RAM, 31 I/O, A/D	8.95	7.95
280348	Z8F3202VS020SC	PLCC-68	32kB ROM, 2kB RAM, 46 I/O, A/D	8.95	7.95
280356	Z8F4801PM020SC	DIP-40	48kB ROM, 4kB RAM, 31 I/O, A/D	9.95	8.95
280364	Z8F4801VN020SC	PLCC-44	48kB ROM, 4kB RAM, 31 I/O, A/D	9.95	8.95
280372	Z8F4802VS020SC	PLCC-68	48kB ROM, 4kB RAM, 46 I/O, A/D	9.95	8.95

MAXIM Supervisory

*Web Code: SCT

Part No.	Mfr. Part No.	Pkg.	Description	1	10
884897	MAX691ACPE	DIP-16	µP supervisory circuit (C-temp)	\$4.95	\$4.15

*CPLDs and FPGAs Available Online — Enter Web Code SAZ

* ANA = Anachip | LAT = Lattice Semiconductor | ♦ Manufacturer Varies

Dallas Semiconductors

*Web Code: QDH

Part No.	Mfr. Part No.	Pkg.	Description	1	10	100
866584	DS275	DIP-8	Line powered RS-232 transceiver chip	\$4.75	\$4.49	\$3.95
114198	DS1210	DIP-8	NV controller chip	3.75	2.95	2.25
114219	DS1213C	DIP-28	Smart socket	15.95	14.95	13.95
133410	DS1216C	DIP-28	Smart watch/RAM	25.95	22.95	17.95
780182	DS1231-20	DIP-8	Power monitor chip	5.95	4.49	3.95
114331	DS1232LP	DIP-8	Micromonitor chip	1.69	1.35	1.09
697231	DS1243Y-120+	DIP-28	64k NV SRAM w/ phantom clock	23.95	21.95	19.95
133444	DS1286	DIP-28	Watchdog timekeeper	19.95	17.95	15.95
76646	DS1287★	DIP-24	Real time clock chip	7.95	7.25	6.49
176778	DS1302	DIP-8	Trickle charge time keeping	2.59	2.05	1.49
780481	DS1302+	DIP-8	Trickle charge time keeping chip, C-temp	2.95	2.29	1.65
1194679	DS1307	DIP-8	5V, 64 x 8 serial I2C real time clock, C-temp	2.95	2.49	1.85
114374	DS1387★	DIP-24	RAMified real time clock	5.95	5.25	4.75
114382	DS1620	DIP-8	Digital thermometer and thermostat ..	5.25	4.49	2.95
865936	DS18B20	TO-92	Prog. resolution 1-wire digital thermometer ..	4.25	3.75	3.49
133452	DS12887★	DIP-24	Real time clock chip	5.95	4.95	3.75

★ Pull = Extra Savings

PALs, GALs & PEELs

*Web Code: YAD

Part No.	Mfr. Part No.	Product No.	Pkg.	Description	1	10
28020	♦	PAL16L8	DIP-20	Octal 16-input AND-OR-INVERT gate array	\$1.95	\$1.75
111667	♦	PAL16R6ANC	DIP-20	TTL, 32 x 64 AND array	1.49	1.25
652615	♦	GAL16V8-7	DIP-20	7ns 64 x 32 AND array	1.95	1.75
88399	♦	GAL16V8-10*	DIP-20	10ns 64 x 32 AND array	1.85	1.65
37452	♦	GAL16V8-15*	DIP-20	15ns 64 x 32 AND array	1.09	.99
37461	♦	GAL16V8-25*	DIP-20	25ns 64 x 32 AND array .....	.99	.89
876539	LAT	GAL16V8D-25LP	DIP-20	25ns 64 x 32 AND array	1.25	1.15
312995	♦	16CV8P-25	DIP-20	25ns 64 x 32 AND array, PEEL .....	.89	.69
105953	ANA	18CV8P-25	DIP-20	25ns 74 x 36 AND array, PEEL	2.75	2.45
88292	♦	GAL20V8-10**	DIP-24	10ns 64 x 40 AND array	1.75	1.49
38658	♦	GAL20V8-15**	DIP-24	15ns 64 x 40 AND array	1.59	1.45
38666	♦	GAL20V8-25	DIP-24	25ns 64 x 40 AND array	1.49	1.15
105996	ANA	22CV10AP-25	DIP-24	25ns 132 x 44 AND array, PEEL	2.95	2.75
876951	LAT	GAL22V10D-15LP	DIP-24	15ns 132 x 44 AND array	4.49	3.49
39159	♦	GAL22V10-15	DIP-24	15ns 132 x 44 AND array	3.75	3.49
39167	♦	GAL22V10-25	DIP-24	25ns 132 x 44 AND array	2.45	2.25
1247902	LAT	GAL22V10D-25LJI	PLCC-28	25ns 132 x 44 AND array	2.49	2.25

GALs are electrically erasable, CMOS PLDs that can be reprogrammed and can be used in place of numerous PALs

* Replaces PALs: 10H8, 10L8, 10P8, 12H6, 12L6, 12P6, 14H4, 14L4, 14P4, 16H2, 16H8, 16L2, 16L8, 16P2, 16P8, 16R4, 16R6, 16R8, 16RP4, 16RP6, 16RP8, 14H8, 14L8, 14P8, 16H6, 16L6, 16P6

** Replaces PALs: 18H4, 18L4, 18P4, 20H2, 20H8, 20L2, 20L8, 20P2, 20P8, 20R4, 20R6, 20R8, 20RP4, 20RP6, 20RP8

MPU Supervisory

Please Note: Manufacturer may vary

*Web Code: PAN

Part No.	Product No.	Pkg.	Description	1	10	100
106219	MAX690CPA	DIP-8	Watchdog timer, 4.4V	\$3.95	\$3.59	\$3.25
1802620	ADM705ANZ	DIP-8	Low cost microprocessor	1.25	.95	.65
106260	MAX1232CPA	DIP-8	Watchdog timer, 4.65V - 4.75V	1.95	1.49	.85

Voice Chip

*Web Code: XAU

Single-Chip Voice Record/Playback Device

- Manual switch or microprocessor controllable
- Directly cascadable for longer durations
- Single voltage operation: +5V (4.5V to 5.5V operating range)
- Playback can be edge or level-activated
- 28-pin DIP
- Typical 100k record cycles, 1µA standby current and 100 year message retention



Part No.	Mfr. Part No.	Description	1	10	50
141671	ISD1110P	Voice record/playback (10 sec.)	\$6.95	\$6.25	\$5.49