



Microcontrollers

★ Web Code: PAV

Part No.	*Mfr.	Mfr. Part No.	Pkg.	Description	1	10
145040	MCH	PIC12C508A-04/P	DIP-8	512 OTP, 4MHz, 5 I/O, C-temp	\$.95	\$.85
144258	MCH	PIC12C509A-04/P	DIP-8	1k OTP, 4MHz, 5 I/O, C-temp	.95	.85
145058	MCH	PIC12C509A/JW	DIP-8	1k EPROM, 41-bit, 4MHz, 5 I/O	10.95	9.49
193455	MCH	PIC12C671-04/P	DIP-8	1k OTP, 128-bit, 4MHz, 6 I/O	1.75	1.49
193463	MCH	PIC12C672-04/P	DIP-8	2k OTP, 128-bit, 4MHz, 6 I/O	1.75	1.49
248145	MCH	PIC12CE674-10/P	DIP-8	2k OTP, 128-bit, 10MHz, 5 I/O	2.49	1.95
223790	MCH	PIC12F629-I/P	DIP-8	1k flash, 20MHz, 6 I/O, I-temp	.89	.85
223781	MCH	PIC12F675-I/P	DIP-8	1k flash, 20MHz, 6 I/O, I-temp	1.09	.99
312514	MCH	PIC12F683-I/P	DIP-8	2k flash, 20MHz, 6 I/O, I-temp	1.29	1.25
128338	MCH	PIC16C54A-04/P	DIP-18	512 OTP, 4MHz, 12 I/O, C-temp	1.39	1.29
247214	MCH	PIC16C54C-20I/P	DIP-18	512 OTP, 25-bit, 20MHz, 12 I/O	1.45	1.25
200416	MCH	PIC16C55A-04/P	DIP-28	512 OTP, 24-bit, 4MHz, 20 I/O	1.95	1.59
247265	MCH	PIC16C56A-20/P	DIP-18	1k OTP, 25-bit, 20MHz, 12 I/O	1.95	1.49
193341	MCH	PIC16C57C-04/P	DIP-28	2k OTP, 4MHz, 20 I/O, C-temp	2.09	1.95
200424	MCH	PIC16C66-04/SP	DIP-18	8k OTP, 368-bit, 4MHz, 22 I/O	4.95	4.49
247484	MCH	PIC16C67-20/P	DIP-40	8k OTP, 368-bit, 20MHz, 33 I/O	5.49	5.25
200432	MCH	PIC16C72A-04/SP	DIP-28	2k OTP, 128-bit, 4MHz, 22 I/O	3.49	2.95
247695	MCH	PIC16C72A-20I/P	DIP-28	2k OTP, 128-bit, 20MHz, 22 I/O	3.95	3.55
193359	MCH	PIC16C711-04/P	DIP-18	1k OTP, 4MHz, 13 I/O, C-temp	2.25	2.15
247599	MCH	PIC16C711-10I/P	DIP-18	1k OTP, 68-bit, 20MHz, 13 I/O	2.75	2.49
247601	MCH	PIC16C711-20/ISO	SOIC-18	1k OTP, 68-bit, 20MHz, 13 I/O	2.75	2.49
247759	MCH	PIC16C773-I/SP	DIP-28	4k OTP, 256-bit, 20MHz, 22 I/O	4.95	4.49
145111	MCH	PIC16F84A-04/P	DIP-18	1k flash, 4MHz, 13 I/O, C-temp	3.55	3.35
145120	MCH	PIC16F84-10/P	DIP-18	1k flash, 10MHz, 13 I/O, C-temp	6.95	6.75
193332	MCH	PIC16F84A-20/P	DIP-18	1k flash, 20MHz, 13 I/O, C-temp	3.75	3.55
246861	MCH	PIC16F84A-20I/P	DIP-18	1k flash, 20MHz, 13 I/O, I-temp	3.95	3.75
246887	MCH	PIC16F84A-20/SS	SSOP-20	68-bit, 1k flash, 20MHz, 13 I/O	5.25	4.75
247097	MCH	PIC16F87-I/P	DIP-18	4k flash, 20MHz, 16 I/O, I-temp	3.49	3.25
312733	MCH	PIC16F88-I/P	DIP-18	4k flash, 20MHz, 16 I/O, I-temp	3.25	2.95
193439	MCH	PIC16F627-20/P	DIP-18	1k flash, 20MHz, 16 I/O, C-temp	2.95	2.75
193447	MCH	PIC16F628-20/P	DIP-18	2k flash, 20MHz, 16 I/O, C-temp	3.25	2.95
246756	MCH	PIC16F628-20I/P	DIP-18	2k flash, 20MHz, 16 I/O, I-temp	3.49	3.25
223749	MCH	PIC16F630-I/P	DIP-14	1k flash, 20MHz, 12 I/O, I-temp	1.29	1.19
247151	MCH	PIC16F648A-I/ISO	SOIC-18	256-bit, 4k flash, 20MHz, 16 I/O	1.95	1.75
247142	MCH	PIC16F648A-I/P	DIP-18	4k flash, 20MHz, 16 I/O, I-temp	2.25	1.95
223757	MCH	PIC16F676-I/P	DIP-14	1k flash, 20MHz, 12 I/O, I-temp	1.29	1.25
312590	MCH	PIC16F684-I/P	DIP-14	2k flash, 20MHz, 12 I/O, I-temp	1.59	1.49
312611	MCH	PIC16F688-I/P	DIP-14	4k flash, 20MHz, 12 I/O, I-temp	1.95	1.75
312725	MCH	PIC16F777-I/P	DIP-40	368-bit, 8k flash, 20MHz, 36 I/O	3.95	3.49
223765	MCH	PIC16F818-I/P	DIP-18	1k flash, 20MHz, 16 I/O, I-temp	2.09	1.95
247071	MCH	PIC16F819-I/SS	SSOP-20	256-bit, 2k flash, 20MHz, 16 I/O	2.15	1.95
223773	MCH	PIC16F819-I/P	DIP-18	2k flash, 20MHz, 16 I/O, I-temp	2.59	2.25
246895	MCH	PIC16F870-I/SP	DIP-28	2k flash, 20MHz, 22 I/O, I-temp	2.95	2.75
246924	MCH	PIC16F871-I/P	DIP-40	128-bit, 2k flash, 20MHz, 33 I/O	3.15	2.95
246941	MCH	PIC16F872-I/SP	DIP-28	2k flash, 20MHz, 22 I/O, I-temp	2.95	2.75
246975	MCH	PIC16F873A-I/SP	DIP-28	4k flash, 20MHz, 22 I/O, I-temp	3.95	3.75
193367	MCH	PIC16F876-20/SP	DIP-28	8k flash, 20MHz, 22 I/O, C-temp	5.95	5.75
247011	MCH	PIC16F876A-I/SP	DIP-28	8k flash, 20MHz, 22 I/O, I-temp	4.25	3.95
247046	MCH	PIC16F877A-I/L	PLCC-44	8k flash, 20MHz, 33 I/O, I-temp	5.65	5.45
176882	MCH	PIC16F877-20/P	DIP-40	8k flash, 20MHz, 22 I/O, C-temp	5.65	5.45
247038	MCH	PIC16F877A-I/P	DIP-40	8k flash, 20MHz, 33 I/O, I-temp	4.75	4.55
247880	MCH	PIC17C42A-16/L	PLCC-44	2k OTP, 232-bit, 16MHz, 33 I/O	7.95	6.95
247901	MCH	PIC17C43-25/L	PLCC-44	4k OTP, 454-bit, 25MHz, 33 I/O	10.95	9.95
247919	MCH	PIC17C44-33/P	DIP-40	8k OTP, 454-bit, 33MHz, 33 I/O	9.95	8.95
247943	MCH	PIC17C756A-33I/L	PLCC-68	16k OTP, 902-bit, 33MHz, 50 I/O	11.95	10.95
247951	MCH	PIC17C762-16/L	PLCC-44	8k OTP, 678-bit, 33MHz, 66 I/O	12.95	11.95
247960	MCH	PIC17C766-33I/L	PLCC-84	16k OTP, 902-bit, 33MHz, 66 I/O	14.95	12.95

⊕ Blue Part No. = Limited Quantity Available

Microcontrollers (Continued)

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Part No.	*Mfr.	Mfr. Part No.	Pkg.	Description	1	10
200491	MCH	PIC18C242-I/SP	DIP-28	16k OTP, 512-bit, 40MHz, 23 I/O	\$5.25	\$4.49
200504	MCH	PIC18C252-I/SP	DIP-28	32k OTP, 1536-bit, 40MHz, 23 I/O	5.49	4.95
247994	MCH	PIC18F252-I/SP	DIP-28	32k flash, 40MHz, 23 I/O, I-temp	5.39	5.25
248081	MCH	PIC18F442-I/L	PLCC-44	768-bit, 8k flash, 40MHz, 34 I/O	5.95	5.75
312477	MCH	PIC18F448-I/L	PLCC-44	768-bit, 16k flash, 40MHz, 33 I/O	7.95	6.49
248031	MCH	PIC18F452-I/P	DIP-40	32k flash, 40MHz, 34 I/O, I-temp	5.95	5.75
248049	MCH	PIC18F452-I/L	PLCC-44	32k flash, 40MHz, 34 I/O, I-temp	6.75	6.25
248057	MCH	PIC18F458-I/P	DIP-40	32k flash, 40MHz, 33 I/O, I-temp	6.95	6.75
248129	MCH	PIC18F1320-I/ISO	SOIC-18	256-bit, 4k flash, 40MHz, 16 I/O	2.49	2.25
248111	MCH	PIC18F1320-I/P	DIP-18	8k flash, 40MHz, 16 I/O, I-temp	3.95	3.49
312303	MCH	PIC18F2525-I/SP	DIP-28	48k flash, 40MHz, 25 I/O, I-temp	6.95	6.25
248330	ATM	ATMEGA8-16PI	DIP-28	8k flash, 16MHz, 23 I/O, I-temp	2.95	2.65
248161	ATM	ATTINY11-6SI	SOIC-8	8-bit MCU, 1k flash, 6MHz, 6 I/O, I-temp	1.95	1.25
765302	ATM	ATTINY13-20PU	DIP-8	1k flash, 20MHz, 6 I/O, I-temp	1.95	1.75
168874	ATM	AT89C2051-24PU	DIP-20	2k flash, 16MHz, 15 I/O, C-temp	1.09	.89
204089	ATM	AT89C4051-24PC	DIP-20	4k flash, 24MHz, 15 I/O, C-temp	1.95	1.49
323133	ATM	ATMEGA16-16PU	DIP-40	6k flash, 16MHz, 32 I/O, I-temp	4.75	3.95
689039	ATM	ATTINY2313V-10PU	DIP-20	2k flash, 10MHz, 18 I/O, I-temp	2.25	1.59
1537061	ATM	ATTINY2313-20PU	DIP-20	2k flash, 20MHz, 18 I/O, I-temp	2.15	1.79
248217	ATM	ATTINY26-16PC	DIP-20	2k flash, 16MHz, 16 I/O, C-temp	2.05	1.49
699552	NXP	P80C31SBPN	DIP-40	128 x 8 RAM, LV (2.7-5.5V), LP, hi-spd (33MHz)	1.95	1.75
323141	ATM	ATMEGA8515-16PC	DIP-40	8k flash, 16MHz, 35 I/O, C-temp	4.95	4.75
395621	ATM	ATMEGA8515L-8PC	DIP-40	8k flash, 8MHz, 35 I/O, C-temp	3.49	2.95
168911	ATM	AT89C51-24JC	PLCC-44	4k flash, 24MHz, 32 I/O, C-temp	3.95	3.49
168903	ATM	AT89C51-24PC	DIP-40	4k flash, 24MHz, 32 I/O, C-temp	3.95	3.49
168920	ATM	AT89C52-24PC	DIP-40	8k flash, 24MHz, 32 I/O, C-temp	2.95	2.49
220871	ATM	AT89S52-24JI	PLCC-44	8k flash, 24MHz, 32 I/O, I-temp	1.35	1.25
662637	ATM	AT89S52-24PC	DIP-40	8k flash, 24MHz, 32 I/O, C-temp	1.75	1.65
168946	ATM	AT89C55WD-24PC	DIP-40	20k flash, 24MHz, 32 I/O, C-temp	3.49	3.25
114403	DAL	DS80C320-MCG	DIP-40	High speed LP micro, C-temp	10.95	8.95
1951035	ATM	AT89S8253-24PU	DIP-40	12k flash, 24MHz, 32 I/O, I-temp	3.95	3.49
248663	TI	MSP430F1121AIPW	SSOP-20	16-bit MCU, flash, 8MHz 4k ROM, 14 I/O	2.95	2.49

MICROCHIP 16-Bit Digital Signal Controllers dsPIC

The dsPIC® Digital Signal Controller (DSC) from Microchip is a powerful 16-bit (data) modified Harvard RISC machine that combines the control advantages of a high-performance 16-bit microcontroller (MCU) with the high computation speed of a fully implemented digital signal processor (DSP) to produce a tightly coupled single-chip single-instruction stream solution for embedded systems design. All integrate FLASH program memory and most have EEPROM data storage.

- Memory: flash
- Speed: 40MHz

Part No.	Mfr. Part No.	Pkg.	MIPS	Program Mem. Bytes	SRAM Bytes	1	10
321787	DSPIC30F2010-20I/SOG	SOIC-28	20	12k	512	\$5.95	\$5.75
321808	DSPIC30F2010-30I/SOG	SOIC-28	30	12k	512	6.95	6.75
321816	DSPIC30F6010-20I/PF	TQFP-80	20	144k	8192	15.95	14.95
321832	DSPIC30F6011-20I/PF	TQFP-64	20	132k	6144	14.95	13.95
321859	DSPIC30F6012-20I/PF	TQFP-64	20	144k	8192	13.95	12.95
323053	DSPIC30F6013-20I/PF	TQFP-80	20	132k	6144	14.95	13.95
323061	DSPIC30F6013-30I/PF	TQFP-80	30	132k	6144	15.95	14.95
323070	DSPIC30F6014-20I/PF	TQFP-80	20	144k	8192	14.95	13.95
323088	DSPIC30F6014-30I/PF	TQFP-80	30	144k	8192	15.95	14.95

PARALLAX 50MIPS SX Microcontroller

Part No.	Mfr. Part No.	Description	1	10
162931	SX28AC-DP-G	DIP-28 50MIPS SX microcontroller	\$4.95	\$4.49

* ATM = Atmel Semiconductor | DAL = Dallas Semiconductor | MCH = Microchip | NXP = NXP/Philips Semi | TI = Texas Instruments

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