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Availability

With shortest lead times in the industry – Microchip's world-class manufacturing and supply chain management help ensure that you have product when you need it.

8-bit PIC® Microcontrollers

Product	Released (R) Not Released (NR)	5 ku Pricing†	Total	I/O	Core	Program	Self-Read	Self-Write	Data RAM (B)	Data EE (B)	Voltage Range	Maximum Speed	Internal Oscillator	LCD Segments	Module	Channels	8-bit ADC	10-bit ADC	12-bit ADC	Comparators	CCP	ECCP	8-bit Timer	16-bit Timer	AUSART	EUSART	I²C™	SPI	Ethernet (MAC/PHY)	FS-USB	ECAN	BOR/PBOR	PLVD	SR-Latch	Timer 1 Gate	Packages (Designator)	Special Features
PIC10F200	R	$0.41	6	4	BL	0.375 KB 0.25 Kw	–	–	16	–	2V-5.5V	4 MHz	4 MHz	0	–	–	–	–	–	0	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), 2x3 DFN (MC), SOT–23 (OT)	Smallest form–factor
PIC10F202	R	$0.43	6	4	BL	0.75 KB 0.50 Kw	–	–	24	–	2V-5.5V	4 MHz	4 MHz	0	–	–	–	–	–	0	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), 2x3 DFN (MC), SOT–23 (OT)	Smallest form–factor
PIC10F204	R	$0.43	6	4	BL	0.375 KB 0.25 Kw	–	–	16	–	2V-5.5V	4 MHz	4 MHz	0	Comp	1	–	–	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), 2x3 DFN (MC), SOT–23 (OT)	Smallest form–factor
PIC10F206	R	$0.46	6	4	BL	0.75 KB 0.50 Kw	–	–	24	–	2V-5.5V	4 MHz	4 MHz	0	Comp	1	–	–	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), 2x3 DFN (MC), SOT–23 (OT)	Smallest form–factor
PIC10F220	R	$0.46	6	4	BL	0.375 KB 0.25 Kw	–	–	16	–	2V-5.5V	8 MHz	4 MHz, 8 MHz	0	–	–	3	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), 2x3 DFN (MC), SOT–23 (OT)	Smallest form–factor
PIC10F222	R	$0.49	6	4	BL	0.75 KB 0.50 Kw	–	–	23	–	2V-5.5V	8 MHz	4 MHz, 8 MHz	0	–	–	3	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), 2x3 DFN (MC), SOT–23 (OT)	Smallest form–factor
PIC12F508	R	$0.50	8	6	BL	0.75 KB 0.50 Kw	–	–	25	–	2V-5.5V	4 MHz	4 MHz	0	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), SOIC (SN), MSOP (MS), 2x3 DFN (MC)	–
PIC12F509	R	$0.53	8	6	BL	1.5 KB 1 Kw	–	–	41	–	2V-5.5V	4 MHz	4 MHz	0	–	–	–	–	–	0	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), SOIC (SN), MSOP (MS), 2x3 DFN (MC)	–
PIC12F510	R	$0.59	8	6	BL	1.5 KB 1 Kw	–	–	38	–	2V-5.5V	8 MHz	4 MHz, 8 MHz	0	Comp	1	3	–	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), SOIC (SN), MSOP (MS), 2x3 DFN (MC)	–
PIC12F519	R	$0.59	8	6	BL	1.5 KB 1 Kw	–	–	41	64	2V-5.5V	8 MHz	4 MHz, 8 MHz	0	–	–	–	–	–	0	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), SOIC (SN), MSOP (MS), 2x3 DFN (MC)	Lowest cost Data EE
PIC12F609	R	$0.63	8	6	MR	1.75 KB 1 Kw	–	–	64	–	2V-15V	20 MHz	4 MHz, 8 MHz	0	Comp	1	–	–	–	1	–	–	1	1	–	–	–	–	–	–	–	BOR	–	–	√	PDIP (P), SOIC (SN), MSOP (MS), 4x4 DFN (MD), 3x3 DFN (MF)	–
PIC12F615	R	$0.70	8	6	MR	1.75 KB 1 Kw	–	–	64	–	2V-15V	20 MHz	4 MHz, 8 MHz	0	Comp	1	–	4	–	1	–	1	2	1	–	–	–	–	–	–	–	BOR	SW ◊	–	√	PDIP (P), SOIC (SN), MSOP (MS), 4x4 DFN (MD), 3x3 DFN (MF)	–
PIC12F675	R	$0.77	8	6	MR	1.75 KB 1 Kw	–	–	64	128	2V-5.5V	20 MHz	4 MHz	0	Comp	1	–	3	–	1	–	–	1	1	–	–	–	–	–	–	–	BOR	–	–	√	PDIP (P), SOIC (SN), 4x4 DFN (MD)	–
PIC12F629	R	$0.70	8	6	MR	1.75 KB 1 Kw	–	–	64	128	2V-5.5V	20 MHz	4 MHz	0	Comp	1	–	–	–	1	–	–	1	1	–	–	–	–	–	–	–	BOR	–	–	√	PDIP (P), SOIC (SN), 4x4 DFN (MD)	–
PIC12F635	R	$0.84	8	6	MR	1.75 KB 1 Kw	–	–	64	128	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	Comp	1	–	–	–	1	–	–	1	1	–	–	–	–	–	–	–	BOR	√	–	√	PDIP (P), SOIC (SN), 4x4 DFN (MD)	KeeLoq®
PIC12F683	R	$0.91	8	6	MR	3.5 KB 2 Kw	–	–	128	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	Comp	1	–	3	–	1	1	–	2	1	–	–	–	–	–	–	–	PBOR	–	–	√	PDIP (P), SOIC (SN), 4x4 DFN (MD)	–
PIC16F505	R	$0.59	14	12	BL	1.5 KB 1 Kw	–	–	72	–	2V-5.5V	20 MHz	4 MHz	0	–	–	–	–	–	0	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), SOIC (SL), TSSOP (ST)	–
PIC16F506	R	$0.63	14	12	BL	1.5 KB 1 Kw	–	–	67	–	2V-5.5V	20 MHz	4/8 MHz	0	Comp	2	4	–	–	2	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), SOIC (SL), TSSOP (ST)	–
PIC16F526	R	$0.67	14	12	BL	1.5 KB 1 Kw	–	–	67	64	2V-5.5V	20 MHz	4/8 MHz	0	Comp	2	4	–	–	2	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), SOIC (SL), TSSOP (ST)	Lowest cost Data EE
PIC16F610	R	$0.72	14	12	MR	1.75 KB 1 Kw	–	–	64	–	2V-15V	20 MHz	4/8 MHz	0	SR Latch	4	–	–	–	2	–	–	1	1	–	–	–	–	–	–	–	BOR	–	√	√	PDIP (P), SOIC (SL), TSSOP (ST), 4x4 QFN (ML)	–
PIC16F616	R	$0.79	14	12	MR	3.5 KB 2 Kw	–	–	128	–	2V-15V	20 MHz	4/8 MHz	0	SR Latch	4	–	8	–	2	1	2	1	–	–	–	–	–	–	–	BOR	SW ◊	√	√	PDIP (P), SOIC (SL), TSSOP (ST), 4x4 QFN (ML)	–
PIC16F630	R	$0.91	14	12	MR	1.75 KB 1 Kw	–	–	64	128	2V-5.5V	20 MHz	4 MHz	0	Comp	1	–	–	–	1	–	–	1	1	–	–	–	–	–	–	–	BOR	–	–	√	PDIP (P), SOIC (SL), TSSOP (ST), 4x4 QFN (ML)	–
PIC16F636	R	$0.92	14	12	MR	3.5 KB 2 Kw	–	–	128	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	Comp	2	–	–	–	2	–	–	1	1	–	–	–	–	–	–	–	BOR	–	–	√	PDIP (P), SOIC (SL), TSSOP (ST), 4x4 QFN (ML)	KeeLoq®
PIC16F676	R	$0.98	14	12	MR	1.75 KB 1 Kw	–	–	64	128	2V-5.5V	20 MHz	4 MHz	0	Comp	1	–	8	–	1	–	–	1	1	–	–	–	–	–	–	–	BOR	–	–	√	PDIP (P), SOIC (SL), TSSOP (ST), 4x4 QFN (ML)	–
PIC16F684	R	$0.98	14	12	MR	3.5 KB 2 Kw	–	–	128	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	Comp	2	–	8	–	2	1	2	1	–	–	–	–	–	–	–	BOR	–	–	√	PDIP (P), SOIC (SL), TSSOP (ST), 4x4 QFN (ML)	–
PIC16F688	R	$1.04	14	12	MR	7 KB 4 Kw	√	–	256	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	Comp	2	–	8	–	2	–	–	1	1	–	1	–	–	–	–	–	BOR	–	–	√	PDIP (P), SOIC (SL), TSSOP (ST), 4x4 QFN (ML)	–

Products sorted by pin count followed by pricing.
† - Pricing subject to change; please contact your Microchip representative for most current pricing.
◊ - Software PLVD implemented via ADC.

8-bit PIC® Microcontrollers

18-Pin / 20-Pin / 28-Pin

Product	Released (R)/Not Released (NR)	5 ku Pricing†	Total	I/O	Core	Program	Self-Read	Self-Write	Data RAM (B)	Data EE (B)	Voltage Range	Maximum Speed	Internal Oscillator	LCD Segments	Module	Channels	8-bit ADC	10-bit ADC	12-bit ADC	Comparators	CCP	ECCP	8-bit Timer	16-bit Timer	AUSART	EUSART	I²C	SPI	Ethernet (MAC/PHY)	FS-USB	ECAN	BOR/PBOR	PLVD	SR-Latch	Timer 1 Gate	Packages (Designator)	Special Features
PIC16F1826	NR	Call for pricing	18	16	EMR	3.5 KB / 2 Kw	√	√	256	256	1.8V-5.5V	32 MHz	32 MHz, 31 kHz	0	CSM	12	–	12	–	2	–	1	2	1	–	1	1	1	–	–	–	BOR	SW ◊	√	√	PDIP (P), SOIC (SO), SSOP (SS), QFN (ML)	DSM, XLP
PIC16F1827	NR	Call for pricing	18	16	EMR	7 KB / 4 Kw	√	√	384	256	1.8V-5.5V	32 MHz	32 MHz, 31 kHz	0	CSM	12	–	12	–	2	2	2	4	1	–	1	2	2	–	–	–	BOR	SW ◊	√	√	PDIP (P), SOIC (SO), SSOP (SS), QFN (ML)	DSM, XLP
PIC16F54	R	$0.39	18	12	BL	0.75 KB / 0.50 Kw	–	–	25	–	2V-5.5V	20 MHz	0	0	–	–	–	–	–	0	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), SOIC (SO), SSOP (SS)	–
PIC16F716	R	$0.77	18	13	MR	3.5 KB / 2 Kw	–	–	128	–	2V-5.5V	20 MHz	0	0	–	–	–	4	–	0	–	1	2	1	–	–	–	–	–	–	–	BOR	–	–	–	PDIP (P), SOIC (SO), SSOP (SS)	–
PIC16F627A	R	$1.30	18	16	MR	1.75 KB / 1 Kw	–	–	224	128	2V-5.5V	20 MHz	4 MHz, 48 kHz	0	Comp	2	–	–	–	2	1	–	2	1	1	–	–	–	–	–	–	BOR	–	–	–	PDIP (P), SOIC (SO), SSOP (SS), QFN (ML)	–
PIC16F628A	R	$1.47	18	16	MR	3.5 KB / 2 Kw	–	–	224	128	2V-5.5V	20 MHz	4 MHz, 48 kHz	0	Comp	2	–	–	–	2	1	–	2	1	1	–	–	–	–	–	–	BOR	–	–	–	PDIP (P), SOIC (SO), SSOP (SS), QFN (ML)	–
PIC16F648A	R	$1.67	18	16	MR	7 KB / 4 Kw	–	–	256	256	2V-5.5V	20 MHz	4 MHz, 48 kHz	0	Comp	2	–	–	–	2	1	–	2	1	1	–	–	–	–	–	–	BOR	–	–	–	PDIP (P), SOIC (SO), SSOP (SS), QFN (ML)	–
PIC18F1220	R	$1.96	18	16	PIC18	4 KB / 2 Kw	√	√	256	256	2V-5.5V	40 MHz	32 MHz, 31 kHz	0	–	–	–	7	–	0	–	1	1	3	–	1	–	–	–	–	–	–	–	–	–	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	–
PIC18F1230	R	$2.03	18	16	PIC18	4 KB / 2 Kw	√	√	256	128	2V-5.5V	40 MHz	32 MHz, 31 kHz	0	–	–	–	4	–	2	–	–	1	3	–	1	–	–	–	–	–	PBOR	√	–	–	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	14-bit PWM
PIC18F1320	R	$2.17	18	16	PIC18	8 KB / 4 Kw	√	√	256	256	2V-5.5V	40 MHz	32 MHz, 31 kHz	0	–	–	–	7	–	0	–	1	1	3	–	1	–	–	–	–	–	–	–	–	–	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	–
PIC18F1330	R	$2.24	18	16	PIC18	8 KB / 4 Kw	√	√	256	128	2V-5.5V	40 MHz	32 MHz, 31 kHz	0	–	–	–	4	–	2	–	–	1	3	–	1	–	–	–	–	–	PBOR	√	–	–	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	14-bit PWM
PIC16F631	R	$0.91	20	18	MR	1.75 KB / 1 Kw	√	–	64	128	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	SR Latch	4	–	–	–	2	–	–	1	1	–	–	–	–	–	–	–	BOR	SW ◊	√	√	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	–
PIC16F677	R	$0.99	20	18	MR	3.5 KB / 2 Kw	√	–	128	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	SR Latch	4	–	12	–	2	–	–	1	1	–	–	1	1	–	–	–	BOR	SW ◊	√	√	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	–
PIC16F687	R	$1.07	20	18	MR	3.5 KB / 2 Kw	√	–	128	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	SR Latch	4	–	12	–	2	–	–	1	1	–	1	1	1	–	–	–	BOR	SW ◊	√	√	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	–
PIC16F785	R	$1.12	20	18	MR	3.5 KB / 2 Kw	–	–	128	256	2V-15V	20 MHz	8 MHz, 31 kHz	0	Comp	2	–	12	–	2	1	–	2	1	–	–	–	–	–	–	–	BOR	SW ◊	√	√	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	2-phase PWM, 2x Op Amp
PIC16F685	R	$1.13	20	18	MR	7 KB / 4 Kw	√	–	256	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	SR Latch	4	–	12	–	2	1	–	2	1	–	–	–	–	–	–	–	BOR	SW ◊	√	√	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	–
PIC16F689	R	$1.13	20	18	MR	7 KB / 4 Kw	√	–	256	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	SR Latch	4	–	12	–	2	–	–	2	1	–	1	1	1	–	–	–	BOR	SW ◊	√	√	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	–
PIC16F690	R	$1.20	20	18	MR	7 KB / 4 Kw	√	–	256	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	SR Latch	4	–	12	–	2	1	–	2	1	–	1	1	1	–	–	–	BOR	SW ◊	√	√	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	–
PIC18F13K22	NR	$1.33	20	18	PIC18	8 KB / 4 Kw	√	√	256	256	1.8V-5.5V	64 MHz	64 MHz, 31 kHz	0	SR Latch	4	–	12	–	2	1	1	1	3	–	1	1	1	–	–	–	PBOR	SW ◊	√	–	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	–
PIC18F13K50	NR	$1.39	20	15	PIC18	8 KB / 4 Kw	√	√	512	256	1.8V-5.5V	48 MHz	16 MHz, 31 kHz	0	SR Latch	4	–	9	–	2	1	1	1	3	–	1	1	1	–	1	–	PBOR	SW ◊	√	–	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	USB 2.0 (Full Speed), XLP
PIC18F14K50	NR	$1.53	20	15	PIC18	16 KB / 8 Kw	√	√	768	256	1.8V-5.5V	48 MHz	16 MHz, 31 kHz	0	SR Latch	4	–	9	–	2	1	1	1	3	–	1	1	1	–	1	–	PBOR	SW ◊	√	–	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	USB 2.0 (Full Speed), XLP
PIC18F14K22	R	$1.55	20	18	PIC18	16 KB / 8 Kw	√	√	512	256	1.8V-5.5V	64 MHz	64 MHz, 31 kHz	0	SR Latch	4	–	12	–	2	1	1	1	3	–	1	1	1	–	–	–	PBOR	SW ◊	√	–	PDIP (P), SSOP (SS), SOIC (SO), QFN (ML)	–
PIC16F57	R	$0.52	28	20	BL	3 KB / 2 Kw	–	–	72	–	2V-5.5V	20 MHz	0	0	–	–	–	–	–	0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	SPDIP (SP), SOIC (SO), SSOP (SS)	–
PIC16F722	R	$0.95	28	25	MR	3.5 KB / 2 Kw	√	–	128	–	1.8V-5.5V	20 MHz	16 MHz	0	CSM	8	11	–	–	2	2	–	2	1	1	–	1	1	–	–	–	BOR	SW ◊	–	√	SPDIP (SP), SOIC (SO), SSOP (SS), 6x6 QFN (ML)	XLP
PIC16F723	R	$1.09	28	25	MR	7 KB / 4 Kw	√	–	192	–	1.8V-5.5V	20 MHz	16 MHz	0	CSM	8	11	–	–	2	2	–	2	1	1	–	1	1	–	–	–	BOR	SW ◊	–	√	SPDIP (SP), SOIC (SO), SSOP (SS), 6x6 QFN (ML)	XLP
PIC16F882	R	$1.16	28	25	MR	3.5 KB / 2 Kw	√	√	128	128	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	SR Latch	4	–	11	–	2	1	1	2	1	–	1	1	1	–	–	–	BOR	SW ◊	√	√	SPDIP (SP), SOIC (SO), SSOP (SS), 6x6 QFN (ML)	–
PIC16F726	R	$1.23	28	25	MR	14 KB / 8 Kw	√	–	368	–	1.8V-5.5V	20 MHz	16 MHz	0	CSM	8	11	–	–	2	2	–	2	1	1	–	1	1	–	–	–	BOR	SW ◊	–	√	SPDIP (SP), SOIC (SO), SSOP (SS), 6x6 QFN (ML)	XLP

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◊ - Software PLVD implemented via ADC.

8-bit PIC® Microcontrollers

Product	Released (R) Not Released (NR)	5 ku Pricing†	Pins Total	Pins I/O	Core	Memory Program	Self-Read	Self-Write	Data RAM (B)	Data EE (B)	Voltage Range	Max Speed	Internal Oscillator	LCD Segments	mTouch Module	mTouch Channels	8-bit ADC	10-bit ADC	12-bit ADC	Comparators	CCP	ECCP	8-bit Timer	16-bit Timer	AUSART	EUSART	I2C™	SPI	Ethernet (MAC/PHY)	FS-USB	ECAN	BOR/PBOR	PLVD	SR-Latch	Timer 1 Gate	Packages (Designator)	Special Features
PIC16F1933	NR	$1.23	28	25	EMR	7 KB / 4 Kw	√	√	256	256	1.8V-5.5V	32 MHz	32 MHz, 31 kHz	60	CSM	8	–	11	–	2	2	3	4	1	–	1	1	1	–	–	–	PBOR	SW ◊	√	√	SPDIP (SP), SOIC (SO), SSOP (SS), 6x6 QFN (ML)	XLP
PIC16F1936	NR	$1.30	28	25	EMR	14 KB / 8 Kw	√	√	512	256	1.8V-5.5V	32 MHz	32 MHz, 31 kHz	60	CSM	8	–	11	–	2	2	3	4	1	–	1	1	1	–	–	–	PBOR	SW ◊	√	√	SPDIP (SP), SOIC (SO), SSOP (SS), 6x6 QFN (ML)	XLP
PIC16F883	R	$1.37	28	25	MR	7 KB / 4 Kw	√	√	256	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	SR Latch	4	–	11	–	2	1	1	2	1	–	1	1	1	–	–	–	BOR	SW ◊	√	√	SPDIP (SP), SSOP (SS), SOIC (SO), 6x6 QFN (ML)	–
PIC16F1938	NR	$1.37	28	25	EMR	28 KB / 16 Kw	√	√	1024	256	1.8V-5.5V	32 MHz	32 MHz, 31 kHz	60	CSM	8	–	11	–	2	2	3	4	1	–	1	1	1	–	–	–	PBOR	SW ◊	√	√	SPDIP (SP), SOIC (SO), SSOP (SS), 6x6 QFN (ML)	XLP
PIC18F23K20	R	$1.37	28	25	PIC18	8 KB / 4 Kw	√	√	512	256	1.8V-3.6V	64 MHz	16 MHz, 31 kHz	0	–	–	–	11	–	2	1	1	1	3	–	1	1	1	–	–	–	BOR	√	–	–	SPDIP (SP), SSOP (SS), SOIC (SO), 6x6 QFN (ML)	XLP
PIC18F24J10	R	$1.44	28	21	PIC18	16 KB / 8 Kw	√	√	1024	–	2V-3.6V	40 MHz	32 kHz	0	–	–	–	10	–	2	2	–	1	2	–	1	1	1	–	–	–	BOR	–	–	–	SPDIP (SP), SOIC (SO), QFN (ML)	–
PIC16F886	R	$1.49	28	25	MR	14 KB / 8 Kw	√	√	368	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	SR Latch	4	–	11	–	2	1	1	2	1	–	1	1	1	–	–	–	BOR	SW ◊	√	√	SPDIP (SP), SSOP (SS), SOIC (SO), 6x6 QFN (ML)	–
PIC18F24K20	R	$1.51	28	25	PIC18	16 KB / 8 Kw	√	√	768	256	1.8V-3.6V	64 MHz	16 MHz, 31 kHz	0	Comp	2	–	11	–	2	1	1	1	3	–	1	1	1	–	–	–	PBOR	√	–	–	SPDIP (SP), SSOP (SS), SOIC (SO), 6x6 QFN (ML)	XLP
PIC18F25J10	R	$1.58	28	21	PIC18	32 KB / 16 Kw	√	√	1024	–	2V-3.6V	40 MHz	32 kHz	0	–	–	–	10	–	2	2	–	1	2	–	1	1	1	–	–	–	BOR	–	–	–	SPDIP (SP), SSOP (SS), SOIC (SO), QFN (ML)	–
PIC18F24J11	R	$1.65	28	21	PIC18	16 KB / 8 Kw	√	√	3800	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	CTMU	10	–	10	–	2	–	2	2	3	–	2	2	2	–	–	–	BOR	SW ◊	–	–	SPDIP (SP), SOIC (SO), QFN (ML)	Peripheral Pin Select, Deep Sleep Mode, XLP
PIC18F25K20	R	$1.65	28	25	PIC18	32 KB / 16 Kw	√	√	1536	256	1.8V-3.6V	64 MHz	16 MHz, 31 kHz	0	Comp	2	–	11	–	2	1	1	1	3	–	1	1	1	–	–	–	PBOR	√	–	–	SSPDIP (SP), SSOP (SS), SOIC (SO), 6x6 QFN (ML)	XLP
PIC16F913	R	$1.72	28	25	MR	7 KB / 4 Kw	√	–	256	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	60	Comp	2	–	5	–	2	1	–	2	1	1	–	1	1	–	–	–	BOR	√	–	√	SPDIP (SP), SSOP (SS), SOIC (SO), 6x6 QFN (ML)	–
PIC18F25J11	R	$1.79	28	21	PIC18	32 KB / 16 Kw	√	√	3800	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	CTMU	10	–	10	–	2	–	2	2	3	–	2	2	2	–	–	–	BOR	SW ◊	–	–	SPDIP (SP), SSOP (SS), SOIC (SO), QFN (ML)	Peripheral Pin Select, Deep Sleep Mode, XLP
PIC18F24J50	R	$1.86	28	22	PIC18	16 KB / 8 Kw	√	√	3800	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	CTMU	10	–	10	–	2	–	2	2	3	–	2	2	2	–	1	–	BOR	SW ◊	–	–	SPDIP (SP), SOIC (SO), QFN (ML)	USB 2.0 (Full Speed), Peripheral Pin Select, Deep Sleep Mode, XLP
PIC16F916	R	$1.93	28	25	MR	14 KB / 8 Kw	√	–	352	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	60	Comp	2	–	5	–	2	1	–	2	1	1	–	1	1	–	–	–	BOR	–	–	√	SPDIP (SP), SSOP (SS), SOIC (SO), 6x6 QFN (ML)	–
PIC18F26K20	R	$1.93	28	25	PIC18	64 KB / 32 Kw	√	√	3936	1024	1.8V-3.6V	64 MHz	16 MHz, 31 kHz	0	Comp	2	–	11	–	2	1	1	1	3	–	1	1	1	–	–	–	PBOR	√	–	–	SPDIP (SP), SSOP (SS), SOIC (SO), 6x6 QFN (ML)	XLP
PIC18F25J50	R	$2.00	28	22	PIC18	32 KB / 16 Kw	√	√	3800	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	CTMU	10	–	10	–	2	–	2	2	3	–	2	2	2	–	1	–	BOR	SW ◊	–	–	SPDIP (SP), SSOP (SS), SOIC (SO), QFN (ML)	USB 2.0 (Full Speed), Peripheral Pin Select, Deep Sleep Mode, XLP
PIC18F26J11	R	$2.07	28	21	PIC18	64 KB / 32 Kw	√	√	3800	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	CTMU	10	–	10	–	2	–	2	2	3	–	2	2	2	–	–	–	BOR	SW ◊	–	–	SPDIP (SP), SSOP (SS), SOIC (SO), QFN (ML)	Peripheral Pin Select, Deep Sleep Mode, XLP
PIC18F2450	R	$2.23	28	23	PIC18	16 KB / 8 Kw	√	√	768	–	2V-5.5V	48 MHz	32 kHz	0	–	–	–	10	–	0	1	–	1	2	–	–	–	–	–	1	–	PBOR	SW ◊	–	–	SPDIP (SP), SOIC (SO), QFN (ML)	USB 2.0 (Full Speed)
PIC18F26J50	R	$2.28	28	22	PIC18	64 KB / 32 Kw	√	√	3800	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	CTMU	10	–	10	–	2	–	2	2	3	–	2	2	2	–	1	–	BOR	SW ◊	–	–	SPDIP (SP), SSOP (SS), SOIC (SO), QFN (ML)	USB 2.0 (Full Speed), Peripheral Pin Select, Deep Sleep Mode, XLP
PIC18F2550	R	$3.44	28	24	PIC18	32 KB / 16 Kw	√	√	2048	256	2V-5.5V	48 MHz	8 MHz, 31 kHz	0	–	–	–	10	–	2	2	–	1	3	–	–	1	1	–	1	–	PBOR	SW ◊	–	–	PDIP (P), SPDIP(SP), SOIC (SO)	USB 2.0 (Full Speed)
PIC18F2480	R	$3.72	28	25	PIC18	16 KB / 8 Kw	√	√	768	256	2V-5.5V	40 MHz	8 MHz, 31 kHz	0	–	–	–	8	–	–	1	0	1	3	0	1	1	1	–	–	1	PBOR	SW ◊	–	-	SPDIP (SP), SOIC (SO), QFN (ML)	CAN 2.0
PIC18F2553	R	$4.12	28	24	PIC18	32 KB / 16 Kw	√	√	2048	256	2V-5.5V	48 MHz	8 MHz, 31 kHz	0	–	–	–	–	10	2	2	–	1	3	–	–	1	1	–	1	–	PBOR	SW ◊	–	–	SPDIP(SP), SOIC (SO)	USB 2.0 (Full Speed)
PIC18F2580	R	$4.17	28	25	PIC18	32 KB / 16 Kw	√	√	1536	256	2V-5.5V	40 MHz	8 MHz, 31 kHz	0	–	–	–	8	–	–	0	1	0	1	3	–	1	1	1	–	1	PBOR	SW ◊	–	–	SPDIP (SP), SOIC (SO), QFN (ML)	CAN 2.0
PIC18F2680	R	$5.05	28	25	PIC18	64 KB / 32 Kw	√	√	3328	1024	2V-5.5V	40 MHz	8 MHz, 31 kHz	0	–	–	–	8	–	–	0	1	0	1	3	–	1	1	1	–	1	PBOR	SW ◊	–	–	28/PDIP 300mil, 28/SOIC 300mil	CAN 2.0

Row group label (left margin, rotated): 28-Pin / 28-Pin (Cont.)

Products sorted by pin count followed by pricing.

† - Pricing subject to change; please contact your Microchip representative for most current pricing.

◊ - Software PLVD implemented via ADC.

8-bit PIC® Microcontrollers

Product	Released (R) / Not Released (NR)	5 ku Pricing†	Total	I/O	Core	Program	Self-Read	Self-Write	Data RAM (B)	Data EE (B)	Voltage Range	Maximum Speed	Internal Oscillator	LCD Segments	Module	Channels	8-bit ADC	10-bit ADC	12-bit ADC	Comparators	CCP	ECCP	8-bit Timer	16-bit Timer	AUSART	EUSART	I²C™	SPI	Ethernet (MAC/PHY)	FS-USB	ECAN	BOR/PBOR	PLVD	SR-Latch	Timer 1 Gate	Packages (Designator)	Special Features
			Pins			Memory						Operating Speed			mTouch™		Analog				Digital				Communication							Monitors					
PIC16F59	R	$0.85	40	32	BL	3 KB 2 Kw	–	–	134	–	2V-5.5V	20 MHz	0	0	–	–	–	–	–	0	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	PDIP (P), TQFP (PT)	–
PIC16F724	R	$1.40	40	36	MR	7 KB 4 Kw	√	–	192	–	1.8V-5.5V	20 MHz	16 MHz	0	CSM	16	14	–	–	0	2	–	2	1	1	–	1	1	–	–	–	BOR	SW◊	–	√	PDIP (P), TQFP (PT), 8x8 QFN (ML)	XLP
PIC16F1934	NR	$1.47	40	36	EMR	7 KB 4 Kw	√	√	256	256	1.8V-5.5V	32 MHz	32 MHz, 31 kHz	96	CSM	16	–	14	–	2	2	3	4	1	1	–	1	1	–	–	–	PBOR	SW◊	√	√	PDIP (P), TQFP (PT), 8x8 QFN (ML)	XLP
PIC16F727	R	$1.54	40	36	MR	14 KB 8 Kw	√	–	368	–	1.8V-5.5V	20 MHz	16 MHz	0	CSM	16	14	–	–	0	2	–	2	1	1	–	1	1	–	–	–	BOR	SW◊	–	√	PDIP (P), TQFP (PT), 8x8 QFN (ML)	XLP
PIC16F1937	NR	$1.54	40	36	EMR	14 KB 8 Kw	√	√	512	256	1.8V-5.5V	32 MHz	32 MHz, 31 kHz	96	CSM	16	–	14	–	2	2	3	4	1	1	–	1	1	–	–	–	PBOR	SW◊	√	√	PDIP (P), TQFP (PT), 8x8 QFN (ML)	XLP
PIC16F1939	NR	$1.61	40	36	EMR	28 KB 16 Kw	√	√	1024	256	1.8V-5.5V	32 MHz	32 MHz, 31 kHz	96	CSM	16	–	14	–	2	2	3	4	1	1	–	1	1	–	–	–	PBOR	SW◊	√	√	PDIP (P), TQFP (PT), 8x8 QFN (ML)	XLP
PIC16F884	R	$1.63	40	36	MR	7 KB 4 Kw	√	√	256	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	SR Latch	4	–	14	–	2	1	1	2	1	1	–	1	1	–	–	–	BOR	SW◊	√	√	PDIP (P), TQFP (PT), 8x8 QFN (ML)	–
PIC18F44J10	R	$1.67	40	32	PIC18	16 KB 8 Kw	√	√	1024	–	2V-3.6V	40 MHz	31 kHz	0	–	–	–	13	–	2	1	1	1	2	1	1	2	2	–	–	–	BOR	–	–	–	PDIP (P), TQFP (PT), QFN (ML)	–
PIC18F43K20	NR	$1.68	40	36	PIC18	8 KB 4 Kw	√	√	512	256	1.8V-3.6V	64 MHz	16 MHz, 31 kHz	0	Comp	2	–	14	–	2	1	1	1	3	–	1	1	1	–	–	–	BOR	√	–	–	PDIP (P), TQFP (PT), 8x8 QFN (ML)	XLP
PIC16F887	R	$1.78	40	36	MR	14 KB 8 Kw	√	–	368	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	0	SR Latch	4	–	14	–	2	1	1	2	1	1	–	1	1	–	–	–	BOR	SW◊	√	√	PDIP (P), TQFP (PT), 8x8 QFN (ML)	–
PIC18F45J10	R	$1.81	40	32	PIC18	32 KB 16 Kw	√	√	1024	–	2V-3.6V	40 MHz	31 kHz	0	–	–	–	13	–	2	1	1	1	2	1	1	2	2	–	–	–	BOR	–	–	–	PDIP (P), TQFP (PT), QFN (ML)	–
PIC18F44K20	R	$1.82	40	36	PIC18	16 KB 8 Kw	√	√	768	256	1.8V-3.6V	64 MHz	16 MHz, 31 kHz	0	Comp	2	–	14	–	2	1	1	1	3	–	1	1	1	–	–	–	PBOR	√	–	–	PDIP (P), TQFP (PT), 8x8 QFN (ML)	XLP
PIC18F44J11	R	$1.95	40	34	PIC18	16 KB 8 Kw	√	√	3800	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	CTMU	13	–	13	–	2	–	2	2	3	–	2	2	2	–	–	–	BOR	SW◊	–	–	TQFP (PT), QFN (ML)	Peripheral Pin Select, Deep Sleep Mode, XLP
PIC18F45K20	R	$1.96	40	36	PIC18	32 KB 16 Kw	√	√	1536	256	1.8V-3.6V	64 MHz	16 MHz, 31 kHz	0	Comp	2	–	14	–	2	1	1	1	3	–	1	1	1	–	–	–	PBOR	√	–	–	PDIP (P), TQFP (PT), 8x8 QFN (ML)	XLP
PIC16F914	R	$2.03	40	36	MR	7 KB 4 Kw	√	–	256	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	96	Comp	2	–	8	–	2	2	–	2	1	1	–	1	1	–	–	–	BOR	√	–	√	PDIP (P), TQFP (PT), 8x8 QFN (ML)	–
PIC18F45J11	R	$2.09	40	34	PIC18	32 KB 16 Kw	√	√	3800	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	CTMU	13	–	13	–	2	–	2	2	3	–	2	2	2	–	–	–	BOR	SW◊	–	–	TQFP (PT), QFN (ML)	Peripheral Pin Select, Deep Sleep Mode, XLP
PIC18F44J50	R	$2.16	40	34	PIC18	16 KB 8 Kw	√	√	3800	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	CTMU	13	–	13	–	2	–	2	2	3	–	2	2	2	–	1	–	BOR	SW◊	–	–	TQFP (PT), QFN (ML)	USB 2.0 (Full Speed), Peripheral Pin Select, Deep Sleep Mode, XLP
PIC16F917	R	$2.17	40	36	MR	14 KB 8 Kw	√	–	352	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	96	Comp	2	–	8	–	2	2	–	2	1	1	–	1	1	–	–	–	BOR	√	–	√	PDIP (P), TQFP (PT), 8x8 QFN (ML)	–
PIC18F46K20	R	$2.24	40	36	PIC18	64 KB 32 Kw	√	√	3936	1024	1.8V-3.6V	64 MHz	16 MHz, 31 kHz	0	Comp	2	–	14	–	2	1	1	1	3	–	1	1	1	–	–	–	PBOR	√	–	–	PDIP (P), TQFP (PT), 8x8 QFN (ML)	XLP
PIC18F45J50	R	$2.30	40	34	PIC18	32 KB 16 Kw	√	√	3800	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	CTMU	13	–	13	–	2	–	2	2	3	–	2	2	2	–	1	–	BOR	SW◊	–	–	TQFP (PT), QFN (ML)	USB 2.0 (Full Speed), Peripheral Pin Select, Deep Sleep Mode, XLP
PIC18F46J11	R	$2.37	40	34	PIC18	64 KB 32 Kw	√	√	3800	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	CTMU	13	–	13	–	2	–	2	2	3	–	2	2	2	–	–	–	BOR	SW◊	–	–	PDIP (P), TQFP (PT), QFN (ML)	Peripheral Pin Select, Deep Sleep Mode, XLP
PIC18F4450	R	$2.39	40	34	PIC18	16 KB 8 Kw	√	–	768	–	2V-5.5V	48 MHz	31 kHz	0	–	–	–	13	–	0	1	–	1	2	–	1	–	1	–	1	–	PBOR	SW◊	–	–	PDIP (P), TQFP (PT), QFN (ML)	USB 2.0 (Full Speed)
PIC18F46J50	R	$2.58	40	34	PIC18	64 KB 32 Kw	√	√	3800	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	–	CTMU	13	–	13	–	2	–	2	2	3	–	2	2	2	–	1	–	BOR	SW◊	–	–	PDIP (P), TQFP (PT), QFN (ML)	USB 2.0 (Full Speed), Peripheral Pin Select, Deep Sleep Mode, XLP
PIC18F4550	R	$3.65	40	35	PIC18	32 KB 16 Kw	√	√	2048	256	2V-5.5V	48 MHz	8 MHz, 31 kHz	0	–	–	–	13	–	2	1	1	1	3	–	1	1	1	–	1	–	PBOR	SW◊	–	–	PDIP (P), TQFP (PT), QFN (ML)	USB 2.0 (Full Speed)
PIC18F4523	R	$3.67	40	36	PIC18	32 KB 16 Kw	√	√	1536	256	2V-5.5V	40 MHz	8 MHz, 31 kHz	0	–	–	–	–	13	2	1	1	1	3	–	1	1	1	–	–	–	PBOR	SW◊	–	–	PDIP (P), TQFP (PT), QFN (ML)	–

40/44-Pin

Products sorted by pin count followed by pricing.
† - Pricing subject to change; please contact your Microchip representative for most current pricing.
◊ - Software PLVD implemented via ADC.

8-bit PIC® Microcontrollers

Pin Group	Product	Released (R) / Not Released (NR)	5 ku Pricing†	Total	I/O	Core	Program	Self-Read	Self-Write	Data RAM (B)	Data EE (B)	Voltage Range	Maximum Speed	Internal Oscillator	LCD Segments	mTouch Module	Channels	8-bit ADC	10-bit ADC	12-bit ADC	Comparators	CCP	ECCP	8-bit Timer	16-bit Timer	AUSART	EUSART	I²C	SPI	Ethernet (MAC/PHY)	FS-USB	ECAN	BOR/PBOR	PLVD	SR-Latch	Timer 1 Gate	Packages (Designator)	Special Features
40/44-Pin (Cont.)	PIC18F4480	R	$3.93	40	36	PIC18	16 KB 8 Kw	√	√	768	256	2V-5.5V	40 MHz	8 MHz, 31 kHz	0	–	–	–	11	–	2	1	1	1	3	–	1	1	1	–	–	1	PBOR	SW ◊	–	–	PDIP (P), TQFP (PT), QFN (ML)	CAN 2.0
40/44-Pin (Cont.)	PIC18F4553	R	$4.33	40	35	PIC18	32 KB 16 Kw	√	√	2048	256	2V-5.5V	48 MHz	8 MHz, 31 kHz	0	–	–	–	–	13	2	1	1	1	3	–	1	1	1	–	1	–	PBOR	SW ◊	–	–	PDIP (P), TQFP (PT), QFN (ML)	USB 2.0 (Full Speed)
40/44-Pin (Cont.)	PIC18F4580	R	$4.38	40	36	PIC18	32 KB 16 Kw	√	√	1536	256	2V-5.5V	40 MHz	8 MHz, 31 kHz	0	–	–	–	11	–	2	1	1	1	3	–	1	1	1	–	–	1	PBOR	SW ◊	–	–	PDIP (P), TQFP (PT), QFN (ML)	CAN 2.0
40/44-Pin (Cont.)	PIC18F4680	R	$5.26	40	36	PIC18	64 KB 32 Kw	√	√	3328	1024	2V-5.5V	40 MHz	8 MHz, 31 kHz	0	–	–	–	11	–	2	1	1	1	3	–	1	1	1	–	–	1	PBOR	SW ◊	–	–	PDIP (P), TQFP (PT), 8x8 QFN (ML)	CAN 2.0
64-Pin	PIC16F1946	NR	$1.75	64	53	EMR	14 KB 8 Kw	√	√	512	256	1.8V-5.5V	32 MHz	32 MHz, 31 kHz	184	CSM	17	–	17	–	3	2	3	4	1	–	2	2	2	–	–	–	BOR	SW ◊	√	√	TQFP (PT)	XLP
64-Pin	PIC16F1947	NR	$1.82	64	53	EMR	28 KB 16 Kw	√	√	1024	256	1.8V-5.5V	32 MHz	32 MHz, 31 kHz	184	CSM	17	–	17	–	3	2	3	4	1	–	2	2	2	–	–	–	BOR	SW ◊	√	√	TQFP (PT)	XLP
64-Pin	PIC18F63J11	R	$2.20	64	54	PIC18	8 KB 4 Kw	√	√	1024	–	2V-3.6V	40 MHz	8 MHz, 31 kHz	0	–	–	–	12	–	2	1	–	1	3	1	1	1	1	–	–	–	PBOR	SW ◊	–	–	TQFP (PT)	–
64-Pin	PIC18F65J10	R	$2.25	64	50	PIC18	32 KB 16 Kw	√	√	2048	–	2V-3.6V	40 MHz	31 kHz	0	–	–	–	11	–	2	2	3	2	3	–	2	2	2	–	–	–	BOR	√	–	–	TQFP (PT)	–
64-Pin	PIC18F64J11	R	$2.27	64	54	PIC18	16 KB 8 Kw	√	√	1024	–	2V-3.6V	40 MHz	8 MHz, 31 kHz	0	–	–	–	12	–	2	1	–	1	3	1	1	1	1	–	–	–	BOR	SW ◊	–	–	TQFP (PT)	–
64-Pin	PIC16F946	R	$2.31	64	54	MR	14 KB 8 Kw	√	–	336	256	2V-5.5V	20 MHz	8 MHz, 31 kHz	168	Comp	2	8	–	–	2	2	–	2	1	1	–	1	1	–	–	–	BOR	√	–	√	TQFP (PT)	–
64-Pin	PIC18F63J90	R	$2.35	64	51	PIC18	8 KB 4 Kw	√	√	1024	–	2V-3.6V	40 MHz	8 MHz, 31 kHz	132	–	–	–	12	–	2	1	–	1	3	1	1	1	1	–	–	–	BOR	√	–	–	TQFP (PT)	Integrated LCD Driver
64-Pin	PIC18F65J11	R	$2.37	64	54	PIC18	32 KB 16 Kw	√	√	2048	–	2V-3.6V	40 MHz	8 MHz, 31 kHz	0	–	–	–	12	–	2	1	–	1	3	1	1	1	1	–	–	–	BOR	SW ◊	–	–	TQFP (PT)	–
64-Pin	PIC18F64J90	R	$2.41	64	51	PIC18	16 KB 8 Kw	√	√	1024	–	2V-3.6V	40 MHz	8 MHz, 31 kHz	132	–	–	–	12	–	2	1	–	1	3	1	1	1	1	–	–	–	BOR	√	–	–	TQFP (PT)	Integrated LCD Driver
64-Pin	PIC18F66J10	R	$2.49	64	50	PIC18	64 KB 32 Kw	√	√	2048	–	2V-3.6V	40 MHz	31 kHz	0	–	–	–	11	–	2	2	3	2	3	–	2	2	2	–	–	–	BOR	√	–	–	TQFP (PT)	–
64-Pin	PIC18F65J90	R	$2.52	64	50	PIC18	32 KB 16 Kw	√	√	2048	–	2V-3.6V	40 MHz	8 MHz, 31 kHz	132	–	–	–	12	–	2	1	–	1	3	1	1	1	1	–	–	–	BOR	√	–	–	TQFP (PT)	Integrated LCD Driver
64-Pin	PIC18F65J50	R	$2.63	64	49	PIC18	32 KB 16 Kw	√	√	3904	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	–	–	–	8	–	2	2	3	2	3	–	2	2	2	–	1	–	BOR	√	–	–	TQFP (PT)	USB 2.0 (Full Speed)
64-Pin	PIC18F66J11	R	$2.63	64	50	PIC18	64 KB 32 Kw	√	√	3904	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	–	–	–	11	–	2	2	3	2	3	–	2	2	2	–	–	–	BOR	√	–	–	TQFP (PT)	–
64-Pin	PIC18F66J90	R	$2.70	64	51	PIC18	64 KB 32 Kw	√	√	3900	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	132	CTMU	12	–	12	–	2	2	–	1	3	1	1	1	1	–	–	–	BOR	√	–	–	TQFP (PT)	Integrated LCD Driver
64-Pin	PIC18F67J10	R	$2.77	64	50	PIC18	128 KB 64 Kw	√	√	3936	–	2V-3.6V	40 MHz	31 kHz	0	–	–	–	11	–	2	2	3	2	3	–	2	2	2	–	–	–	BOR	√	–	–	TQFP (PT)	–
64-Pin	PIC18F66J50	R	$2.90	64	49	PIC18	64 KB 32 Kw	√	√	3904	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	–	–	–	8	–	2	2	3	2	3	–	2	2	2	–	1	–	BOR	√	–	–	TQFP (PT)	USB 2.0 (Full Speed)
64-Pin	PIC18F67J11	R	$2.93	64	50	PIC18	128 KB 64 Kw	√	√	3904	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	–	–	–	11	–	2	2	3	2	3	–	2	2	2	–	–	–	BOR	√	–	–	TQFP (PT)	–
64-Pin	PIC18F67J90	R	$3.00	64	51	PIC18	128 KB 64 Kw	√	√	3900	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	132	CTMU	12	–	12	–	2	2	–	1	3	1	1	1	1	–	–	–	BOR	√	–	–	TQFP (PT)	Integrated LCD Driver
64-Pin	PIC18F67J50	R	$3.19	64	49	PIC18	128 KB 64 Kw	√	√	3904	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	–	–	–	8	–	2	2	3	2	3	–	2	2	2	–	1	–	BOR	√	–	–	TQFP (PT)	USB 2.0 (Full Speed)
64-Pin	PIC18F6493	R	$3.29	64	50	PIC18	16 KB 8 Kw	√	–	768	–	2V-5.5V	32 MHz	8 MHz, 31 kHz	132	–	–	–	–	12	2	2	–	1	3	1	1	1	1	–	–	–	PBOR	SW ◊	–	–	TQFP (PT)	Integrated LCD Driver
64-Pin	PIC18F66J60	R	$3.36	64	39	PIC18	64 KB 32 Kw	√	√	3808	–	2V-3.6V	42 MHz	31 kHz	0	–	–	–	11	–	2	2	3	2	3	–	1	1	1	1	–	–	BOR	√	–	–	TQFP (PT)	Integrated MAC, 10 Base T PHY
64-Pin	PIC18F67J60	R	$3.65	64	39	PIC18	128 KB 64 Kw	√	√	3808	–	2V-3.6V	42 MHz	31 kHz	0	–	–	–	11	–	2	2	3	2	3	–	1	1	1	1	–	–	BOR	√	–	–	TQFP (PT)	Integrated MAC, 10 Base T PHY
64-Pin	PIC18F6723	R	$7.99	64	54	PIC18	128 KB 64 Kw	√	√	3936	1024	2V-5.5V	40 MHz	8 MHz, 31 kHz	0	–	–	–	–	12	2	2	3	2	3	–	2	2	2	–	–	–	PBOR	SW ◊	–	–	TQFP (PT)	–

Products sorted by pin count followed by pricing.
† - Pricing subject to change; please contact your Microchip representative for most current pricing.
◊ - Software PLVD implemented via ADC.

8-bit PIC® Microcontrollers

Product	Released (R) / Not Released (NR)	5 ku Pricing†	Total	I/O	Core	Program	Self-Read	Self-Write	Data RAM (B)	Data EE (B)	Voltage Range	Maximum Speed	Internal Oscillator	LCD Segments	Module	Channels	8-bit ADC	10-bit ADC	12-bit ADC	Comparators	CCP	ECCP	8-bit Timer	16-bit Timer	AUSART	EUSART	I²C	SPI	Ethernet (MAC/PHY)	FS-USB	ECAN	BOR/PBOR	PLVD	SR-Latch	Timer 1 Gate	Packages (Designator)	Special Features
PIC18F83J11	R	$2.46	80	70	PIC18	8 KB / 4 Kw	√	√	1024	–	2V-3.6V	40 MHz	8 MHz, 31 kHz	0	–	–	–	12	–	2	2	–	1	3	1	1	1	1	–	–	–	BOR	SW ◊	–	–	TQFP (PT)	–
PIC18F85J10	R	$2.49	80	66	PIC18	32 KB / 16 Kw	√	√	2048	–	2V-3.6V	40 MHz	31 kHz	0	–	–	–	15	–	2	2	3	2	3	–	2	2	2	–	–	–	BOR	√	–	–	TQFP (PT)	–
PIC18F84J11	R	$2.52	80	70	PIC18	16 KB / 8 Kw	√	√	1024	–	2V-3.6V	40 MHz	8 MHz, 31 kHz	0	–	–	–	12	–	2	2	–	1	3	1	1	1	1	–	–	–	BOR	SW ◊	–	–	TQFP (PT)	–
PIC18F83J90	R	$2.60	80	66	PIC18	8 KB / 4 Kw	√	√	1024	–	2V-3.6V	40 MHz	8 MHz, 31 kHz	192	–	–	–	12	–	2	2	–	1	3	1	1	1	1	–	–	–	BOR	√	–	–	TQFP (PT)	Integrated LCD Driver
PIC18F85J11	R	$2.63	80	70	PIC18	32 KB / 16 Kw	√	√	2048	–	2V-3.6V	40 MHz	8 MHz, 31 kHz	0	–	–	–	12	–	2	2	–	1	3	1	1	1	1	–	–	–	BOR	SW ◊	–	–	TQFP (PT)	–
PIC18F84J90	R	$2.67	80	66	PIC18	16 KB / 8 Kw	√	√	1024	–	2V-3.6V	40 MHz	8 MHz, 31 kHz	192	–	–	–	12	–	2	2	–	1	3	1	1	1	1	–	–	–	BOR	√	–	–	TQFP (PT)	Integrated LCD Driver
PIC18F86J10	R	$2.74	80	66	PIC18	64 KB / 32 Kw	√	√	2048	–	2V-3.6V	40 MHz	31 kHz	0	–	–	–	15	–	2	2	3	2	3	–	2	2	2	–	–	–	BOR	√	–	–	TQFP (PT)	–
PIC18F85J90	R	$2.77	80	66	PIC18	32 KB / 16 Kw	√	√	2048	–	2V-3.6V	40 MHz	8 MHz, 31 kHz	192	–	–	–	12	–	2	2	–	1	3	1	1	1	1	–	–	–	BOR	√	–	–	TQFP (PT), LQFP (PL)	Integrated LCD Driver
PIC18F85J50	R	$2.90	80	65	PIC18	32 KB / 16 Kw	√	√	3904	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	–	–	–	12	–	2	2	3	2	3	–	2	2	2	–	1	–	BOR	√	–	–	TQFP (PT)	USB 2.0 (Full Speed)
PIC18F86J11	R	$2.90	80	66	PIC18	64 KB / 32 Kw	√	√	3904	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	–	–	–	15	–	2	2	3	2	3	–	2	2	2	–	–	–	BOR	√	–	–	TQFP (PT)	–
PIC18F86J90	R	$2.97	80	67	PIC18	64 KB / 32 Kw	√	√	3900	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	192	CTMU	12	–	12	–	2	2	–	1	3	1	1	1	1	–	–	–	BOR	√	–	–	TQFP (PT)	Integrated LCD Driver
PIC18F87J10	R	$3.02	80	66	PIC18	128 KB / 64 Kw	√	√	3936	–	2V-3.6V	40 MHz	31 kHz	0	–	–	–	15	–	2	2	3	2	3	–	2	2	2	–	–	–	BOR	√	–	–	TQFP (PT), LQFP (PL)	–
PIC18F86J50	R	$3.15	80	65	PIC18	64 KB / 32 Kw	√	√	3904	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	–	–	–	12	–	2	2	3	2	3	–	2	2	2	–	1	–	BOR	√	–	–	TQFP (PT)	USB 2.0 (Full Speed)
PIC18F87J11	R	$3.19	80	66	PIC18	128 KB / 64 Kw	√	√	3904	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	–	–	–	15	–	2	2	3	2	3	–	2	2	2	–	–	–	BOR	√	–	–	TQFP (PT)	–
PIC18F87J90	R	$3.26	80	67	PIC18	128 KB / 64 Kw	√	√	3900	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	192	CTMU	12	–	12	–	2	2	–	1	3	1	1	1	1	–	–	–	BOR	√	–	–	TQFP (PT)	Integrated LCD Driver
PIC18F87J50	R	$3.44	80	65	PIC18	128 KB / 64 Kw	√	√	3904	–	2V-3.6V	48 MHz	8 MHz, 31 kHz	0	–	–	–	12	–	2	2	3	2	3	–	2	2	2	–	1	–	BOR	√	–	–	TQFP (PT)	USB 2.0 (Full Speed)
PIC18F86J60	R	$3.63	80	55	PIC18	64 KB / 32 Kw	√	√	3808	–	2V-3.6V	42 MHz	31 kHz	0	–	–	–	15	–	2	2	3	2	3	–	2	1	1	1	–	–	BOR	√	–	–	TQFP (PT)	Integrated MAC, 10 Base T PHY
PIC18F8493	R	$3.78	80	66	PIC18	16 KB / 8 Kw	√	–	768	–	2V-5.5V	32 MHz	8 MHz, 31 kHz	192	–	–	–	–	12	2	2	–	1	3	1	1	1	1	–	–	–	PBOR	SW ◊	–	–	TQFP (PT)	Integrated LCD Driver
PIC18F87J60	R	$3.92	80	55	PIC18	128 KB / 64 Kw	√	√	3808	–	2V-3.6V	42 MHz	32 kHz, 31 kHz	0	–	–	–	15	–	2	2	3	2	3	–	2	1	1	1	–	–	BOR	√	–	–	TQFP (PT)	Integrated MAC, 10 Base T PHY
PIC18F8723	R	$8.44	80	70	PIC18	128 KB / 64 Kw	√	√	3936	1024	2V-5.5V	40 MHz	8 MHz, 31 kHz	0	–	–	–	–	16	2	2	3	2	3	–	2	2	2	–	–	–	PBOR	SW ◊	–	–	TQFP (PT)	–
PIC18F96J60	R	$3.84	100	70	PIC18	64 KB / 32 Kw	√	√	3808	–	2V-3.6V	42 MHz	31 kHz	0	–	–	–	16	–	2	2	3	2	3	–	2	2	2	1	–	–	BOR	√	–	–	TQFP (PT)	Integrated MAC, 10 Base T PHY
PIC18F97J60	R	$4.13	100	70	PIC18	128 KB / 64 Kw	√	√	3808	–	2V-3.6V	42 MHz	31 kHz	0	–	–	–	16	–	2	2	3	2	3	–	2	2	2	1	–	–	BOR	√	–	–	TQFP (PT), LQFP (PL)	Integrated MAC, 10 Base T PHY

Rows PIC18F83J11 through PIC18F8723 are grouped as **80-Pin**; rows PIC18F96J60 and PIC18F97J60 are grouped as **100-Pin**.

Products sorted by pin count followed by pricing.

† - Pricing subject to change; please contact your Microchip representative for most current pricing.

◊ - Software PLVD implemented via ADC.

16-bit PIC® Microcontrollers For 8-bit Applications

	Product	Released (R) Not Released (NR)	5 ku Pricing†	Pins Total	Pins I/O	Core	Program (KB)	Data RAM (B)	EEPROM	Voltage Range	Maximum MIPS	Internal Oscillator	Charge Time Measurement Unit	10-bit ADC	Comparators	Capture/Compare/PWM Peripherals	Timers	Digital Communication	FS-USB OTG	System Mgmt. Features	Packages (Designator)	
20-Pin	PIC24F08KA101	R	$1.44	20	18	PIC24F	8	1536	512	1.8V-3.6V	16	8 MHz, 32 kHz	√	9	2	1-Std. PWM, 16-bit PWM resolution, 1-Input Capture	3 x 16-bit	2-UART, 1-SPI, 1-I²C	0	BOR, POR, WDT, Deep Sleep, XLP	SPDIP (SP), SSOP (SS), SOIC (SO), QFN (ML)	20-Pin
	PIC24F16KA101	R	$1.51	20	18	PIC24F	16	1536	512	1.8V-3.6V	16	8 MHz, 32 kHz	√	9	2	1-Std. PWM, 16-bit PWM resolution, 1-Input Capture	3 x 16-bit	2-UART, 1-SPI, 1-I²C	0	BOR, POR, WDT, Deep Sleep, XLP	SPDIP (SP), SSOP (SS), SOIC (SO), QFN (ML)	
28-Pin	PIC24F08KA102	R	$1.51	28	24	PIC24F	8	1536	512	1.8V-3.6V	16	8 MHz, 32 kHz	√	9	2	1-Std. PWM, 16-bit PWM resolution, 1-Input Capture	3 x 16-bit	2-UART, 1-SPI, 1-I²C	0	BOR, POR, WDT, Deep Sleep, XLP	SPDIP (SP), SSOP (SS), SOIC (SO), QFN (ML)	28-Pin
	PIC24F16KA102	R	$1.58	28	24	PIC24F	16	1536	512	1.8V-3.6V	16	8 MHz, 32 kHz	√	9	2	1-Std. PWM, 16-bit PWM resolution, 1-Input Capture	3 x 16-bit	2-UART, 1-SPI, 1-I²C	0	BOR, POR, WDT, Deep Sleep, XLP	SPDIP (SP), SSOP (SS), SOIC (SO), QFN (ML)	
	PIC24FJ16GA002	R	$1.74	28	21	PIC24F	16	4096	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	–	10	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, LVD, POR, WDT	SPDIP (SP), SSOP (SS), SOIC (SO), QFN (ML)	
	PIC24FJ32GA002	R	$2.06	28	21	PIC24F	32	8192	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	–	10	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, LVD, POR, WDT	SPDIP (SP), SSOP (SS), SOIC (SO), QFN (ML)	
	PIC24FJ48GA002	R	$2.27	28	21	PIC24F	48	8192	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	–	10	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, LVD, POR, WDT	SPDIP (SP), SSOP (SS), SOIC (SO), QFN (ML)	
	PIC24FJ64GA002	R	$2.48	28	21	PIC24F	64	8192	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	–	10	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, LVD, POR, WDT	SPDIP (SP), SSOP (SS), SOIC (SO), QFN (ML)	
40/44-Pin	PIC24FJ16GA004	R	$1.93	44	35	PIC24F	16	4096	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	–	13	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, LVD, POR, WDT	TQFP (PT), QFN (ML)	40/44-Pin
	PIC24FJ32GA004	R	$2.30	44	35	PIC24F	32	8192	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	–	13	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, LVD, POR, WDT	TQFP (PT), QFN (ML)	
	PIC24FJ48GA004	R	$2.51	44	35	PIC24F	48	8192	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	–	13	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, LVD, POR, WDT	TQFP (PT), QFN (ML)	
	PIC24FJ64GA004	R	$2.72	44	35	PIC24F	64	8192	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	–	13	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, LVD, POR, WDT	TQFP (PT), QFN (ML)	
64-Pin	PIC24FJ64GA006	R	$3.05	64	53	PIC24F	64	8192	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	–	16	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, POR, WDT	TQFP (PT)	64-Pin
	PIC24FJ96GA006	R	$3.16	64	53	PIC24F	96	8192	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	–	16	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, POR, WDT	TQFP (PT)	
	PIC24FJ128GA006	R	$3.35	64	53	PIC24F	128	8192	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	–	16	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, POR, WDT	TQFP (PT)	
	PIC24FJ128GA106	R	$3.56	64	53	PIC24F	128	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	0	BOR, LVD, POR, WDT	TQFP (PT)	
	PIC24FJ64GB106	R	$3.64	64	52	PIC24F	64	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	√	BOR, LVD, POR, WDT	TQFP (PT)	
	PIC24FJ192GA106	R	$3.77	64	53	PIC24F	192	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	0	BOR, LVD, POR, WDT	TQFP (PT)	
	PIC24FJ128GB106	R	$3.93	64	52	PIC24F	128	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	√	BOR, LVD, POR, WDT	TQFP (PT)	
	PIC24FJ256GA106	R	$3.98	64	53	PIC24F	256	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	0	BOR, LVD, POR, WDT	TQFP (PT)	
	PIC24FJ192GB106	R	$4.14	64	52	PIC24F	192	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	√	BOR, LVD, POR, WDT	TQFP (PT)	
	PIC24FJ256GB106	R	$4.35	64	52	PIC24F	256	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	√	BOR, LVD, POR, WDT	TQFP (PT)	

Products sorted by pin count followed by pricing.
† - Pricing subject to change; please contact your Microchip representative for most current pricing.
◊ - Software PLVD implemented via ADC.
[1] See Application Note "AN1095 - Emulating Data EEPROM".

16-bit PIC® Microcontrollers For 8-bit Applications

Product	Released (R) Not Released (NR)	5 ku Pricing†	Pins		Core	Memory			Voltage Range	Operating Speed		Analog			Capture/Compare/PWM Peripherals	Timers	Communication	FS-USB OTG	Monitors	Packages (Designator)
			Total	I/O		Program (KB)	Data RAM (B)	EEPROM		Maximum MIPS	Internal Oscillator	Charge Time Measurement Unit	10-bit ADC	Comparators			Digital Communication		System Mgmt. Features	
PIC24FJ64GA008	R	$3.30	80	69	PIC24F	64	8192	AN1095[1]	2V-3.6V	16	8 MHz,32 kHz		16	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, POR, WDT	TQFP (PT)
PIC24FJ96GA008	R	$3.43	80	69	PIC24F	96	8192	AN1095[1]	2V-3.6V	16	8 MHz,32 kHz		16	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, POR, WDT	TQFP (PT)
PIC24FJ128GA008	R	$3.60	80	69	PIC24F	128	8192	AN1095[1]	2V-3.6V	16	8 MHz,32 kHz		16	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, POR, WDT	TQFP (PT)
PIC24FJ128GA108	R	$3.82	80	69	PIC24F	128	16384	AN1095[1]	2V-3.6V	16	8 MHz,32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	0	BOR, LVD, POR, WDT	TQFP (PT)
PIC24FJ64GB108	R	$3.91	80	68	PIC24F	64	16384	AN1095[1]	2V-3.6V	16	8 MHz,32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	√	BOR, LVD, POR, WDT	TQFP (PT)
PIC24FJ192GA108	R	$4.03	80	69	PIC24F	192	16384	AN1095[1]	2V-3.6V	16	8 MHz,32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	0	BOR, LVD, POR, WDT	TQFP (PT)
PIC24FJ128GB108	R	$4.20	80	68	PIC24F	128	16384	AN1095[1]	2V-3.6V	16	8 MHz,32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	√	BOR, LVD, POR, WDT	TQFP (PT)
PIC24FJ256GA108	R	$4.24	80	69	PIC24F	256	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	0	BOR, LVD, POR, WDT	TQFP (PT)
PIC24FJ192GB108	R	$4.41	80	68	PIC24F	192	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	√	BOR, LVD, POR, WDT	TQFP (PT)
PIC24FJ256GB108	R	$4.62	80	68	PIC24F	256	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	√	BOR, LVD, POR, WDT	TQFP (PT)
PIC24FJ64GA010	R	$3.51	100	85	PIC24F	64	8192	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz		16	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, POR, WDT	TQFP (PT)
PIC24FJ96GA010	R	$3.64	100	85	PIC24F	96	8192	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz		16	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, POR, WDT	TQFP (PT)
PIC24FJ128GA010	R	$3.81	100	85	PIC24F	128	8192	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz		16	2	5-Std. PWM, 16-bit PWM resolution, 5-Input Capture	5 x 16-bit	2-UART, 2-SPI, 2-I²C	0	BOR, POR, WDT	TQFP (PT)
PIC24FJ128GA110	R	$4.03	100	85	PIC24F	128	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	0	BOR, LVD, POR, WDT	TQFP (PT)
PIC24FJ64GB110	R	$4.12	100	84	PIC24F	64	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	√	BOR, LVD, POR, WDT	TQFP (PT)
PIC24FJ192GA110	R	$4.24	100	85	PIC24F	192	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	0	BOR, LVD, POR, WDT	TQFP (PT)
PIC24FJ128GB110	R	$4.41	100	84	PIC24F	128	16384	AN1095[1]	2V-3.6V	16	16 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	√	BOR, LVD, POR, WDT	TQFP (PT)
PIC24FJ256GA110	R	$4.45	100	85	PIC24F	256	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	0	BOR, LVD, POR, WDT	TQFP (PT)
PIC24FJ192GB110	R	$4.62	100	84	PIC24F	192	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	√	BOR, LVD, POR, WDT	TQFP (PT)
PIC24FJ256GB110	R	$4.83	100	84	PIC24F	256	16384	AN1095[1]	2V-3.6V	16	8 MHz, 32 kHz	√	16	3	9-Std. PWM, 16-bit PWM resolution, 9-Input Capture	5 x 16-bit	4-UART, 3-SPI, 3-I²C	√	BOR, LVD, POR, WDT	TQFP (PT)

Products sorted by pin count followed by pricing.
† - Pricing subject to change; please contact your Microchip representative for most current pricing.
◊ - Software PLVD implemented via ADC.
[1]See Application Note "AN1095 - Emulating Data EEPROM".

Terms and Definitions

Term	Definition
1 KB	1024 bytes
1 Kw	1024 words
18F/PIC18	16-bit instruction word – 75/83 instructions
ADC	Analog to Digital Converter
AUSART	Addressable Universal Synchronous Asynchronous Receiver Transceiver
BL/Baseline	12-bit instruction word – 33 instructions
BOR/PBOR	Brown Out Reset/Programmable Brown Out Reset
CCP/ECCP	Capture Compare PWM/Enhanced Capture Compare PWM
DSM	Data Signal Modulator
ECAN	Enhanced Controller Area Network
EEPROM	Electrically Erasable Programmable Read Only Memory
EFT	Electrical Fast Transient
EMC	Electromagnetic Compatibility
EMI	Electromagnetic Interference
EMR/Enhanced-MidRange	14 bit instruction word – 49 instructions (denoted as PIC1XF1XXX)
ESD	Electrostatic Discharge
EUSART	Enhanced Universal Synchronous Asynchronous Receiver Transceiver
EWDT/WDT	Extended Watch Dog Timer/Watch Dog Timer
HV	High Voltage
ICD	In-Circuit Debug
ICE	In-Circuit Emulation
ICSP	In-Circuit Serial Programming
IDE	Integrated Development Environment
LCD	Liquid Crystal Display
LDO	Low Drop-Out voltage regulator
LF	Low Power Flash
MI^{2}C/I^{2}C	Master Inter-Integrated Circuit bus/Inter-Integrated Circuit bus
MIPS	Million Instructions Per Second
MR/Mid-Range	14 bit instruction word – 35 instructions
MSSP/SSP	Master/Synchronous Serial Port (I^{2}C & SPI Peripheral)
mTouch	Proprietary Touch Sensing Technology
Comp	Capacitive Sensing implemented via Comparator
CSM	mTouch – Capacitive Sensing Module
CTMU	mTouch – Charge Time Measurement Unit
SR Latch	Capacitive Sensing implemented via SR Latch
PIC24F	16-bit Core
PLVD	Programmable Low Voltage Detect
POR/POOR	Power ON Reset/Power ON/OFF Reset
PWM	Pulse Width Modulation
RAM	Random Access Memory
Source/Sink Current	All Products Support 25 mA per I/O
SR Latch	Set Reset Latch
SPI	Serial Peripheral Interface
T1G	Timer 1 Gate
USART	Universal Synchronous Asynchronous Receiver Transceiver
USB	Universal Serial Bus
USB (Low Speed)	1.5 Mb/s Data Rate
USB (Full Speed)	12 Mb/s Data Rate
USB (Hi Speed)	480 Mb/s Data Rate
USB OTG	USB On-The-Go
XLP	nanoWatt XLP™ eXtreme Low Power Technology

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