

# NXP SEMICONDUCTOR MCU / MPU

 This product is RoHS compliant.



MCU / MPU / DSP

NXP Semiconductor

## 80C51 (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package Type	RAM (bytes)	Timers	PWMs	Serial Interface	ADCs	I/O Pins	Price Each		
									1	25	100
<b>Flash 4KB</b>											
771-P89LPC9241FDH112	P89LPC9241FDH,112	TSSOP-20	256	2x16	4-Ch 8-bit	UART; I <sup>2</sup> C	4-Ch 8-bit	18	1.72	1.67	1.59
771-P89LPC9301FDH51	P89LPC9301FDH,512	TSSOP-28	256	2x16	---	UART; I <sup>2</sup> C; SPI	2 Analog Comp.	26	2.05	1.65	1.24
771-P89LPC9331FDH51	P89LPC9331FDH,512	TSSOP-28	256	2x16	---	UART; I <sup>2</sup> C; SPI	4-Ch 8-bit	26	2.39	1.91	1.56
771-P89LPC971FDH129	P89LPC971FDH,129	TSSOP-20	256	5x16, 1x23, RTC	---	UART; I <sup>2</sup> C; SPI	---	18	3.40	2.61	2.20
771-P89LPC980FDH-529	P89LPC980FDH,529	TSSOP-28	256	5x16, 1x23	---	UART; I <sup>2</sup> C; SPI	8-Ch 10-bit	26	3.63	2.79	2.34
<b>Flash 8KB</b>											
771-P89LPC9221FDH	P89LPC9221FDH,512	TSSOP-20	256	2x16	---	UART; I <sup>2</sup> C	---	18	2.50	2.01	1.80
771-LPC922A1FDH112	P89LPC922A1FDH,112	TSSOP-20	256	2x16	---	UART; I <sup>2</sup> C	4-Ch 8-bit	18	1.50	1.45	1.40
771-P89LPC922A1FN112	P89LPC922A1FN,112	DIP-20	256	2x16	---	UART; I <sup>2</sup> C	4-Ch 8-bit	18	1.82	1.77	1.68
771-P89LPC9251FDH112	P89LPC9251FDH,112	TSSOP-20	256	2x16	---	UART; I <sup>2</sup> C	4-Ch 8-bit	18	1.92	1.87	1.77
771-P89LPC925FDH-S	P89LPC925FDH,529	TSSOP-20	256	2x16	---	UART; I <sup>2</sup> C	4-Ch 8-bit	18	2.98	2.40	2.16
771-P89LPC931A1FDH51	P89LPC931A1FDH,512	TSSOP-28	256	2x16	---	UART; I <sup>2</sup> C; SPI	2 Analog Comp.	26	2.26	1.80	1.47
771-P89LPC9341FDH51	P89LPC9341FDH,512	TSSOP-28	256	2x16	---	UART; I <sup>2</sup> C; SPI	2 Analog Comp.	26	2.33	2.09	1.62
771-P89LPC9351FA,529	P89LPC9351FA,529	TSSOP-28	256	2x16	4-Ch CCU	UART; I <sup>2</sup> C; SPI	2 Analog Comp.	26	2.70	2.63	2.49
771-P89LPC972FDH129	P89LPC972FDH,129	TSSOP-20	256	5x16, 1x23	---	UART; I <sup>2</sup> C; SPI, RTC	---	18	3.60	2.78	2.34
771-P89LPC972FN129	P89LPC972FN,129	DIP-20	256	5x16, 1x23	---	UART; I <sup>2</sup> C; SPI, RTC	---	18	1.25	1.22	1.20
771-P89LPC972FA	P89LPC972FA,512	PLCC-44	512	2x16, 1x23	---	2xUART; I <sup>2</sup> C; SPI	8-Ch 10-bit	40	4.37	3.51	3.19
771-P89LPC952FBD	P89LPC952FBD	LQFP-44	512	4x16	2-Ch 8-bit	2xUART; I <sup>2</sup> C; SPI	8-Ch 10-bit	40	4.20	3.37	3.07
771-P89LPC982FA-529	P89LPC982FA,529	PLCC-28	512	5x16, 1x23	---	UART; I <sup>2</sup> C; SPI	8-Ch 10-bit	26	1.96	1.90	1.80
771-P89LPC982FDH-529	P89LPC982FDH,529	TSSOP-28	512	5x16, 1x23	---	UART; I <sup>2</sup> C; SPI	8-Ch 10-bit	26	1.78	1.73	1.64
771-P89LPC932A1FDH	P89LPC932A1FDH	TSSOP-28	768	5x16	4-Ch CCU	UART; I <sup>2</sup> C; SPI	2 Analog Comp.	26	3.22	2.58	2.29
771-P89LPC935FA-S	P89LPC935FA-S	PLCC-28	768	5x16	4-Ch CCU	UART; I <sup>2</sup> C; SPI	2x 4-Ch 8-bit	26	3.53	2.85	2.37
771-LPC935FHN	P89LPC935FHN	TSSOP-28	768	3x16	4-Ch CCU	UART; I <sup>2</sup> C; SPI	4-Ch 8-bit	26	3.65	2.94	2.45
771-P89LPC938FA-S	P89LPC938FA-S	PLCC-28	768	5x16	4-Ch CCU	UART; I <sup>2</sup> C; SPI	8-Ch 10-bit	26	2.12	1.98	1.93
771-P89LPC938FDH-S	P89LPC938FDH-S	TSSOP-28	768	5x16	4-Ch CCU	UART; I <sup>2</sup> C; SPI	8-Ch 10-bit	26	3.65	2.94	2.45
<b>Flash 16KB</b>											
771-P89LPC9361FDH51	P89LPC9361FDH,518	TSSOP-28	256	2x16	4-Ch CCU	2xUART, I <sup>2</sup> C, SPI	2 Analog Comp.	26	6.00	4.65	3.90
771-P89LPC954FA-S	P89LPC954FA,529	PLCC-44	512	2x16, 1x23	2-Ch	2xUART, I <sup>2</sup> C, SPI	8-Ch 10-bit	40	3.75	3.37	3.10
771-LPC954FBD44151	P89LPC954FBD44,151	LQFP-44	512	2x16, 1x23	2-Ch	2xUART; I <sup>2</sup> C; SPI	8-Ch 10-bit	40	5.20	4.38	3.31
771-P89LPC936FA-S	P89LPC936FA-S	PLCC-28	768	5x16	4-Ch CCU	UART; I <sup>2</sup> C; SPI	2x 4-Ch 8-bit	26	3.29	2.90	2.63
771-LPC936FDH518	P89LPC936FDH,518	TSSOP-28	768	5x16	4-Ch CCU	UART; I <sup>2</sup> C; SPI	2x 4-Ch 8-bit	26	4.80	3.92	3.52
<b>Flash 32KB</b>											
771-LV51RC2FBC557	P89LV51RC2FBC,557	TQFP-44	1K	3x16	5-Ch PCA	UART; I <sup>2</sup> C	---	32	4.88	4.29	3.90
771-P89V662FBC	P89V662FBC	TQFP-44	1K	4x16	5-Ch PCA	UART; I <sup>2</sup> C	---	32	11.30	9.91	9.00
<b>Flash 64KB</b>											
771-P89LV51RD2BBC	P89LV51RD2BBC	TQFP-44	1K	4x16	5-Ch PCA	UART	---	32	7.90	6.47	5.84
771-P89V51RD2FA	P89V51RD2FA	PLCC-44	1K	4x16	5-Ch PCA	UART	---	32	7.37	5.90	4.83
771-P89V51RD2FBC	P89V51RD2FBC	TQFP-44	1K	4x16	5-Ch PCA	UART	---	32	7.90	6.47	5.84
771-P89V51RD2FN	P89V51RD2FN	DIP-40	1K	4x16	5-Ch PCA	UART	---	32	8.78	7.19	5.20
771-P89V664FBC	P89V664FBC	TQFP-44	2K	4x16	5-Ch PCA	UART; I <sup>2</sup> C	---	32	8.56	7.68	7.05
<b>OTP 2KB</b>											
771-P87LPC762BD	P87LPC762BD	SO-20	128	2x16	---	UART; I <sup>2</sup> C	---	18	2.54	2.05	1.71
771-P87LPC762BDH512	P87LPC762BDH,512	TSSOP-20	128	2x16	---	UART; I <sup>2</sup> C	---	18	1.79	1.58	1.35
771-P87LPC762BN	P87LPC762BN	DIP-20	128	2x16	---	UART; I <sup>2</sup> C	---	18	1.84	1.62	1.47
771-P87LPC762FN112	P87LPC762FN,112	DIP-20	128	2x16	---	UART; I <sup>2</sup> C	---	18	3.02	2.71	2.47
<b>OTP 4KB</b>											
771-P87C51SBAA	P87C51SBAA	PLCC-44	128	3x16	---	UART	---	32	3.41	2.74	2.29
771-P87C51SBPN	P87C51SBPN	DIP-40	128	3x16	---	UART	---	32	3.41	2.75	2.29
771-P87LPC764BN	P87LPC764BN	DIP-20	128	2x16	---	UART; I <sup>2</sup> C	---	18	3.08	2.48	2.07
771-P87LPC767BN	P87LPC767BN	DIP-20	128	2x16	---	UART; I <sup>2</sup> C	4-Ch 8-bit	18	3.57	3.19	2.91
771-P87LPC767FN112	P87LPC767FN,112	DIP-20	128	2x16	---	UART; I <sup>2</sup> C	4-Ch 8-bit	18	2.94	2.59	2.30
<b>OTP 8KB</b>											
771-P87C51FA-4N	P87C51FA-4N	DIP-40	256	4x16	5-Ch PCA	UART	---	32	9.04	7.24	5.92
771-P87C52SBAA	P87C52SBAA	PLCC-44	256	3x16	---	UART	---	32	3.55	2.87	2.38
771-P87C52SBPN	P87C52SBPN	DIP-40	256	3x16	---	UART	---	32	3.67	2.96	2.47
771-P87C52UBAA	P87C52UBAA	PLCC-44	256	3x16	---	UART	---	32	3.34	2.68	2.44
<b>OTP 16KB</b>											
771-P87C51FB-5A512	P87C51FB-5A,512	PLCC-44	256	3x16	---	UART	---	32	10.64	9.57	9.31
<b>OTP 32KB</b>											
771-P87C58X2FA	P87C58X2FA,512	PLCC-44	256	3x16	---	UART	---	32	4.38	3.24	3.01
<b>RAM Only</b>											
771-P80C31SBAA	P80C31SBAA	PLCC-44	128	3x16	---	UART	---	32	2.50	2.10	1.77
771-P80C31SBBB	P80C31SBBB,557	LQFP-44	128	3x16	---	UART	---	32	2.13	1.57	1.34
771-P80C31SBPN	P80C31SBPN	DIP-40	128	3x16	---	UART	---	32	2.87	2.32	2.04
771-P80C51FA-4N	P80C51FA-4N,112	DIP-40	128	3x16	---	UART	---	32	4.80	4.15	4.05
771-P80C32SBAA	P80C32SBAA	PLCC-44	256	3x16	---	UART	---	32	2.73	2.20	1.95
771-P80C32SBPN	P80C32SBPN	DIP-40	256	3x16	---	UART	---	32	2.88	2.32	2.09
771-P80C32UFAA	P80C32UFAA	PLCC-44	256	3x16	---	UART	---	32	2.86	2.29	2.09
771-P80C32X2BA	P80C32X2BA,512	PLCC-44	256	3x16	---	UART	---	32	1.28	1.18	1.12
771-P80C32X2FA	P80C32X2FA,512	PLCC-44	256	3x16	---	UART	---	32	2.20	1.62	1.51
771-P80C552EBA	P80C552EBA	PLCC-68	256	3x16	2-Ch	UART; I <sup>2</sup> C	8-Ch 10-bit	48	10.75	9.63	8.85
771-P80C552EFA	P80C552EFA	PLCC-68	256	3x16	2-Ch	UART; I <sup>2</sup> C	8-Ch 10-bit	48	10.45	9.37	8.65
771-P80C552IBA	P80C552IBA	PLCC-68	256	3x16	2-Ch	UART; I <sup>2</sup> C	8-Ch 10-bit	48	11.16	10.00	9.18
771-P80C592FFAA	P80C592FFAA	PLCC-68	512	3x16	2-Ch	UART; CAN	8-Ch 10-bit	48	22.61	19.01	17.46

## BOARDS



MOUSER STOCK NO.	NXP Part No.	Description	Price Each
771-OM11049598	OM11049,598	LPCXpresso Target Board supporting LPC11xx Series	24.00
771-OM11048	OM11048	LPCXpresso Target Board supporting LPC13xx Series	29.95
771-OM13001598	OM13001,598	LPC177x/8x Eval Board - ARM development	248.75
771-OM13014,598	OM13014,598	LPCXpresso Target Board supporting LPC11U14 Series	18.75
771-OM13314,598	OM13314,598	TDA5051A lighting master-slave Demo Board	562.50
771-OM13313598	OM13313,598	TDA5051A Powerline Modem Demo Board Kit	187.50
771-OM13005598	OM13005,598	US Plugmeter ARM Development Board	332.50
771-OM11043598	OM11043,598	mbed NXP LPC1768 Dev Board	50.80
771-OM11042598	OM11042,598	mbed NXP LPC2368 Dev Board	50.80
771-OM13007598	OM13007,598	Reference board for MPT612 photovoltaic MPPT battery charge controller	180.00

