

NXP SEMICONDUCTOR MCU / MPU



NXP 80C51

MCU / MPU / DSP

NXP Semiconductor

For quantities of 250 and up, 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
Flash 1KB											
771-P89LPC903FD	P89LPC903FD	SO-8	128	4x16	---	UART	2 Analog Comp.	6	1.23	1.06	.80
771-P89LPC912FDH-S	P89LPC912FDH-S	TSSOP-14	128	4x16	1-ch 8-bit	SPI	2 Analog Comp.	12	1.19	1.04	.90
Flash 2KB											
771-P89LPC917FDH-S	P89LPC917FDH-S	TSSOP-16	256	2x16	---	UART; I ² C; SPI	---	15	2.00	1.60	1.20
Flash 4KB											
771-P89LPC933FDH-S	P89LPC933FDH-S	TSSOP-28	256	4x16	2-ch 8-bit	UART; I ² C; SPI	4-ch 8-bit	26	2.25	1.80	1.47
Flash 8KB											
771-P89LPC952FBD	P89LPC952FBD	LQFP-44	512	4x16	2-ch 8-bit	2xUART; I ² C; SPI	8-ch 10-bit	39	4.56	3.86	3.15
771-P89LPC932A1FDH	P89LPC932A1FDH	TSSOP-28	768	5x16	4-ch CCU	UART; I ² C; SPI	2 Analog Comp.	26	2.33	2.02	1.85
771-P89LPC932A1FHN-S	P89LPC932A1FHN-S	HVQFN-28	768	5x16	4-ch CCU	UART; I ² C; SPI	2 Analog Comp.	26	1.98	1.85	1.80
771-P89LPC935FA-S	P89LPC935FA-S	PLCC-28	768	5x16	4-ch CCU	UART; I ² C; SPI	2x 4-ch 8-bit	26	3.06	2.45	2.00
771-P89LPC935FDH-S	P89LPC935FDH-S	TSSOP-28	768	5x16	4-ch CCU	UART; I ² C; SPI	2x 4-ch 8-bit	26	2.37	2.05	1.88
771-P89LPC938FA-S	P89LPC938FA-S	PLCC-28	768	5x16	4-ch CCU	UART; I ² C; SPI	8-ch 10-bit	26	2.04	1.90	1.86
771-P89LPC938FDH-S	P89LPC938FDH-S	TSSOP-28	768	5x16	4-ch CCU	UART; I ² C; SPI	8-ch 10-bit	26	2.37	2.05	1.88
Flash 16KB											
771-P89LPC954FA-S	P89LPC954FA,529	PLCC-44	512	3x16	2-Ch	2xUART, I ² C, SPI	8-Ch 10-bit	40	3.75	3.37	2.62
771-P89LPC936FA-S	P89LPC936FA-S	PLCC-28	768	5x16	4-ch CCU	UART; I ² C; SPI	2x 4-ch 8-bit	26	3.91	3.52	2.99
771-LPC936FDH518	P89LPC936FDH,518	TSSOP-28	768	5x16	4-Ch CCU	UART; I ² C; SPI	2x4 Ch 8-Bit	26	3.20	2.87	2.19
Flash 32KB											
771-P89V662FA	P89V662FA	PLCC-44	1K	4x16	5-ch PCA	UART; I ² C	---	32	7.08	6.43	5.71
771-P89V662FBC	P89V662FBC	TQFP-44	1K	4x16	5-ch PCA	UART; I ² C	---	32	7.90	6.32	5.61
Flash 64KB											
771-P89LV51RD2BBC	P89LV51RD2BBC	TQFP-44	1K	4x16	5-ch PCA	UART	---	32	5.82	5.05	4.26
771-P89V51RD2FA	P89V51RD2FA	PLCC-44	1K	4x16	5-ch PCA	UART	---	32	5.95	5.14	4.13
771-P89V51RD2FBC	P89V51RD2FBC	TQFP-44	1K	4x16	5-ch PCA	UART	---	32	5.82	5.05	4.26
771-P89V51RD2FN	P89V51RD2FN	DIP-40	1K	4x16	5-ch PCA	UART	---	32	7.02	5.61	4.73
771-P89V664FBC	P89V664FBC	TQFP-44	2K	4x16	5-ch PCA	UART; I ² C	---	32	8.07	6.98	5.89
OTP 2KB											
771-P87LPC762BD	P87LPC762BD	SO-20	128	2x16	---	UART; I ² C	---	18	1.79	1.60	1.42
771-P87LPC762BN	P87LPC762BN	DIP-20	128	2x16	---	UART; I ² C	---	18	1.95	1.84	1.43
OTP 4KB											
771-P87C51SBAA	P87C51SBAA	PLCC-44	128	3x16	---	UART	---	32	2.07	1.90	1.70
771-P87C51SBPN	P87C51SBPN	DIP-40	128	3x16	---	UART	---	32	2.93	2.34	1.82
771-P87C51X2FA	P87C51X2FA	PLCC-44	128	3x16	---	UART	---	32	2.27	1.90	1.79
771-P87LPC764BD	P87LPC764BD	SO-20	128	2x16	---	UART; I ² C	---	18	2.19	1.91	1.56
771-P87LPC764BDH	P87LPC764BDH	TSSOP-20	128	2x16	---	UART; I ² C	---	18	2.11	1.87	1.53
771-P87LPC764BN	P87LPC764BN	DIP-20	128	2x16	---	UART; I ² C	---	18	2.38	2.03	1.63
771-P87LPC767BD	P87LPC767BD	SO-20	128	2x16	---	UART; I ² C	4-ch 8-bit	18	2.86	2.29	1.82
771-P87LPC767BN	P87LPC767BN	DIP-20	128	2x16	---	UART; I ² C	4-ch 8-bit	18	3.04	2.43	1.95
OTP 8KB											
771-P87C51FA-4N	P87C51FA-4N	DIP-40	256	4x16	5-ch PCA	UART	---	32	5.78	5.02	4.23
771-P87C52SBAA	P87C52SBAA	PLCC-44	256	3x16	---	UART	---	32	3.09	2.40	2.04
771-P87C52SBPN	P87C52SBPN	DIP-40	256	3x16	---	UART	---	32	3.40	2.71	2.11
771-P87C52UBAA	P87C52UBAA	PLCC-44	256	3x16	---	UART	---	32	3.09	2.40	2.04
771-P87C52X2BA	P87C52X2BA	PLCC-44	256	3x16	---	UART	---	32	2.28	1.98	1.47
771-P87C52X2BN	P87C52X2BN	DIP-40	256	3x16	---	UART	---	32	2.19	1.90	1.48
771-P87C52SBAA	P87C52SBAA	PLCC-68	256	3x16	2-ch	UART; I ² C	8-ch 10-bit	48	10.90	9.30	9.08
OTP 16KB											
771-P87C51FB-4N	P87C51FB-4N	DIP-40	256	4x16	5-ch PCA	UART	---	32	6.80	5.62	5.26
771-P87C54SBAA	P87C54SBAA	PLCC-44	256	3x16	---	UART	---	32	4.13	3.90	3.17
771-P87C54SBPN	P87C54SBPN	DIP-40	256	3x16	---	UART	---	32	4.86	3.95	3.33
771-P87C51RB2BN	P87C51RB2BN	DIP-40	512	4x16	5-ch PCA	UART	---	32	4.30	3.30	2.67
OTP 64KB											
771-P87C51MB2BA/02-S	P87C51MB2BA/02-S	PLCC-44	2K	4x16	5-ch PCA	2 UARTs; SPI	---	34	8.06	6.79	6.00
RAM Only											
771-P80C31SBAA	P80C31SBAA	PLCC-44	128	3x16	---	UART	---	32	2.13	1.70	1.27
771-P80C31SBBB	P80C31SBBB,557	LQFP-44	128	3x16	---	UART	---	32	2.13	1.57	1.13
771-P80C31SBPN	P80C31SBPN	DIP-40	128	3x16	---	UART	---	32	2.33	1.86	1.40
771-P80C51FA-4N,112	P80C51FA-4N,112	DIP-40	128	3x16	---	UART	---	32	4.05	3.73	3.24
771-P80C32SBAA	P80C32SBAA	PLCC-44	256	3x16	---	UART	---	32	1.88	1.47	1.30
771-P80C32X2BA	P80C32X2BA,512	PLCC-44	256	3x16	---	UART	---	32	1.15	1.06	1.01
771-P80C32SBPN	P80C32SBPN	DIP-40	256	3x16	---	UART	---	32	2.33	1.86	1.40
771-P80C32UBAA	P80C32UBAA	PLCC-44	256	3x16	---	UART	---	32	1.88	1.47	1.30
771-P80C32UFAA	P80C32UFAA	PLCC-44	256	3x16	---	UART	---	32	1.79	1.60	1.42
771-P80C52EBA	P80C52EBA	PLCC-68	256	3x16	2-ch	UART; I ² C	8-ch 10-bit	48	9.48	8.91	7.90
771-P80C52EBB	P80C52EBB	QFP-80	256	3x16	2-ch	UART; I ² C	8-ch 10-bit	48	9.48	8.91	7.90
771-P80C52EFA	P80C52EFA	PLCC-68	256	3x16	2-ch	UART; I ² C	8-ch 10-bit	48	10.42	9.35	8.68
771-P80C52IBA	P80C52IBA	PLCC-68	256	3x16	2-ch	UART; I ² C	8-ch 10-bit	48	9.30	8.46	7.87
771-P80C592FFAA	P80C592FFAA	PLCC-68	512	3x16	2-ch	UART; CAN	8-ch 10-bit	48	14.84	13.65	12.99

NXP BOARDS



MOUSER STOCK NO.	Cypress Part No.	Description	Price Each
771-OM11049598	OM11049,598	LPCXpresso Target Board supporting LPC11xx Series	29.00
771-OM11048	OM11048	LPCXpresso Target Board supporting LPC13xx Series	29.95
771-OM11043598	OM11043,598	mbed NXP LPC1768 Dev Board	60.00
771-OM11042598	OM11042,598	mbed NXP LPC2368 Dev Board	60.00

