



# SMD Cross Reference

Listed below are the SMDs for which Cypress is an approved source of supply. Please contact your local Cypress representative or see the Cypress website ([www.cypress.com](http://www.cypress.com)) for the latest SMD update. All part numbers that have a date in the PPL (Preferred Parts List) column will be supported by Cypress for a minimum of 5 years from the date indicated, either with the exact part number or a functional equivalent.

## SMD Cross Reference by SMD Number<sup>[1]</sup>

SMD Number	Equivalent Cypress <sup>[2]</sup> Part Number	PPL <sup>[3]</sup>	Package <sup>[4]</sup>		Part Number Description	Lead Finish <sup>[5]</sup>
			Description	Type		
5962-38294 11MZX	CY7C185A-45DMB		28.3 DIP	D22	8K x 8 SRAM	A
5962-38294 13MZX	CY7C185A-35DMB		28.3 DIP	D22	8K x 8 SRAM	A
5962-38294 15MZX	CY7C185A-25DMB		28.3 DIP	D22	8K x 8 SRAM	A
5962-87515 05LX	CY7C261-45WMB	<u>4/98</u>	24.3 DIP	W14	8K x 8 UV EPROM	A
5962-87515 06LX	CY7C261-55WMB		24.3 DIP	W14	8K x 8 UV EPROM	A
5962-87515 073X	CY7C261-35QMB		28 S LCC	Q64	8K x 8 UV EPROM	A
5962-87515 08LX	CY7C263-35WMB		24.3 DIP	W14	8K x 8 UV EPROM	A
5962-87515 12LX	CY7C261-25WMB		24.3 DIP	W14	8K x 8 UV EPROM	A
5962-87539 013X	PALC22V10-25QMB		28 S LCC	Q64	24-Pin CMOS UV EPLD	A
5962-87539 01LX	PALC22V10-25WMB		24.3 DIP	W14	24-Pin CMOS UV EPLD	A
5962-87539 043X	PALC22V10B-20QMB		28 S LCC	Q64	24-Pin CMOS UV EPLD	A
5962-87539 04LX	PALC22V10B-20WMB		24.3 DIP	W14	24-Pin CMOS UV EPLD	A
5962-87650 01LX	CY7C291-50WMB		24.3 DIP	W14	2K x 8 UV EPROM	A
5962-87650 03LX	CY7C291-35WMB		24.3 DIP	W14	2K x 8 UV EPROM	A
5962-88518 04LX	CY7C225A-30DMB		24.3 DIP	D14	512 x 8 Registered PROM	A
5962-88518 05LX	CY7C225A-35DMB		24.3 DIP	D14	512 x 8 Registered PROM	A
5962-88636 03LX	CY7C235A-40DMB		24.3 DIP	D14	1K x 8 Registered PROM	A
5962-88636 04LX	CY7C235A-30DMB		24.3 DIP	D14	1K x 8 Registered PROM	A
5962-88637 02LX	PLDC20G10-30DMB	<u>4/98</u>	24.3 DIP	D14	Generic CMOS PLD	A
5962-88637 023X	PLDC20G10-30LMB	<u>4/98</u>	28 S LCC	L64	Generic CMOS PLD	A
5962-88662 03NX	CY7C199-55DMB		28.3 DIP	D22	32K x 8 SRAM	A
5962-88662 04NX	CY7C199-45DMB		28.3 DIP	D22	32K x 8 SRAM	A
5962-88662 04UX	CY7C199-45LMB		28 R LCC	L54	32K x 8 SRAM	A
5962-88662 05NX	CY7C199-35DMB		28.3 DIP	D22	32K x 8 SRAM	A
5962-88662 05UX	CY7C199-35LMB		28 R LCC	L54	32K x 8 SRAM	A
5962-88662 06NX	CY7C199-25DMB		28.3 DIP	D22	32K x 8 SRAM	A
5962-88662 06UX	CY7C199-25LMB		28 R LCC	L54	32K x 8 SRAM	A
5962-88662 07UX	CY7C199-20LMB		28 R LCC	L54	32K x 8 SRAM	A
5962-88662 08NX	CY7C199-15DMB		28.3 DIP	D22	32K x 8 SRAM	A
5962-88670 013X	PALC22V10-25LMB		28 S LCC	L64	24-Pin CMOS PLD	A
5962-88670 01LX	PALC22V10-25DMB		24.3 DIP	D14	24-Pin CMOS PLD	A
5962-88670 02LX	PALC22V10-30DMB		24.3 DIP	D14	24-Pin CMOS PLD	A
5962-88670 043X	PALC22V10B-20LMB		28 S LCC	L64	24-Pin CMOS PLD	A
5962-88670 04KX	PALC22V10B-20KMB		24 CP	K73	24-Pin CMOS PLD	A
5962-88670 04LX	PALC22V10B-20DMB		24.3 DIP	D14	24-Pin CMOS PLD	A
5962-88670 053X	PALC22V10B-15LMB		28 S LCC	L64	24-Pin CMOS PLD	A
5962-88670 05KX	PALC22V10B-15KMB		24 CP	K73	24-Pin CMOS PLD	A
5962-88670 05LX	PALC22V10B-15DMB		24.3 DIP	D14	24-Pin CMOS PLD	A

## SMD Cross Reference by SMD Number<sup>[1]</sup> (continued)

SMD Number	Equivalent Cypress <sup>[2]</sup> Part Number	PPL <sup>[3]</sup>	Package <sup>[4]</sup>		Part Number Description	Lead Finish <sup>[5]</sup>
			Description	Type		
5962-88734 023X	CY7C291A-45LMB	<u>4/98</u>	28 S LCC	L64	2K x 8 EPROM	A
5962-88734 033X	CY7C291A-35LMB		28 S LCC	L64	2K x 8 EPROM	A
5962-88734 043X	CY7C291A-25LMB	<u>4/98</u>	28 S LCC	L64	2K x 8 EPROM	A
5962-88734 04LX	CY7C291A-25DMB	<u>4/98</u>	24.3 DIP	D14	2K x 8 EPROM	A
5962-88735 033X	CY7C245A-35LMB	<u>4/98</u>	28 S LCC	L64	2K x 8 Registered PROM	A
5962-88735 04LX	CY7C245A-25DMB	<u>4/98</u>	24.3 DIP	D14	2K x 8 Registered PROM	A
5962-89468 01XC	CY7C342B-35RMB	<u>4/98</u>	68 PGA	R68	128-Macrocell UV EPLD	C
5962-89468 01YA	CY7C342B-35HMB	<u>4/98</u>	68 CLCC	H81	128-Macrocell UV EPLD	A
5962-89468 05XC	CY7C342B-15RMB		68 PGA	R68	128-Macrocell UV EPLD	C
5962-89468 05YA	CY7C342B-15HMB		68 SOJ	H81	128-Macrocell UV EPLD	A
5962-89523 05EX	CY7C401-10DMB		16.3 DIP	D2	64 x 4 FIFO	A
5962-89523 06EX	CY7C401-15DMB		16.3 DIP	D2	64 x 4 FIFO	A
5962-89598 20MMA	CY7C109L-25LMB		32 R LCC	L55	128K x 8 SRAM	A
5962-89598 20MZA	CY7C109L-25DMB		32.4 DIP	D32	128K x 8 SRAM	A
5962-89664 02XX	CY7C408A-25DMB		28.3 DIP	D22	64 x 8 FIFO	A
5962-89817 01XX	CY7C271-55WMB		28.3 DIP	W16	32K x 8 UV EPROM	A
5962-89817 01ZX	CY7C271-55QMB		32 R LCC	Q55	32K x 8 UV EPROM	A
5962-89817 02XX	CY7C271-45WMB		28.3 DIP	W16	32K x 8 UV EPROM	A
5962-89817 02ZX	CY7C271-45QMB		32 R LCC	Q55	32K x 8 UV EPROM	A
5962-89839 132X	PALCE16V8-15LMB	<u>4/98</u>	20 S LCC	L61	CMOS EE PAL	A
5962-89839 13RX	PALCE16V8-15DMB	<u>4/98</u>	20.3 DIP	D6	CMOS EE PAL	A
5962-89841 02KX	PALC22V10D-20KMB PALCE22V10-30KMB		24 CP	K73	CMOS EE PLD	A
5962-89841 02LX	PALC22V10D-20DMB PALCE22V10-20DMB	<u>4/98</u>	24.3 DIP	D14	CMOS EE PLD	A
5962-89841 033X	PALC22V10D-15LMB PALCE22V10-15LMB	<u>4/98</u>	28 S LCC	L64	CMOS EE PLD	A
5962-89841 03KX	PALC22V10D-15KMB PALCE22V10-15KMB	<u>4/98</u>	24 CP	K73	CMOS EE PLD	A
5962-89841 03LX	PALC22V10D-15DMB PALCE22V10-15DMB	<u>4/98</u>	24.3 DIP	D14	CMOS EE PLD	A
5962-89841 043X	PALC22V10D-25LMB PALCE22V10-25LMB	<u>4/98</u>	28 S LCC	L64	CMOS EE PLD	A
5962-89841 053X	PALC22V10D-15LMB PALCE22V10-15LMB	<u>4/98</u>	28 S LCC	L64	CMOS EE PLD	A
5962-89841 05LX	PALC22V10D-15DMB PALCE22V10-15DMB	<u>4/98</u>	24.3 DIP	D14	CMOS EE PLD	A
5962-89841 063X	PALC22V10D-10LMB PALCE22V10-10LMB	<u>4/98</u>	28 S LCC	L64	CMOS EE PLD	A
5962-89841 06KX	PALC22V10D-10KMB PALCE22V10-10KMB	<u>4/98</u>	24 CP	K73	CMOS EE PLD	A
5962-89841 06LX	PALC22V10D-10DMB PALCE22V10-10DMB	<u>4/98</u>	24.3 DIP	D14	CMOS EE PLD	A
5962-89841 103A	PALCE22V10-25LMB	<u>4/98</u>	28 S LCC	L64	CMOS EE PLD	A
5962-89841 10LA	PALCE22V10-25DMB	<u>4/98</u>	24.3 DIP	D14	CMOS EE PLD	A
5962-89863 05YX	CY7C421-30DMB		28.3 DIP	D22	512 x 9 FIFO	A
5962-90555 01LX	PLDC20RA10-35DMB		24.3 DIP	D14	Asynchronous CMOS OTP PLD	A

## SMD Cross Reference by SMD Number<sup>[1]</sup> (continued)

SMD Number	Equivalent Cypress <sup>[2]</sup> Part Number	PPL <sup>[3]</sup>	Package <sup>[4]</sup>		Part Number Description	Lead Finish <sup>[5]</sup>
			Description	Type		
5962-90555 023X	PLDC20RA10-25LMB	<u>4/98</u>	28 S LCC	L64	Asynchronous CMOS OTP PLD	A
5962-90555 02LX	PLDC20RA10-25DMB		24.3 DIP	D14	Asynchronous CMOS OTP PLD	A
5962-90555 033X	PLDC20RA10-20LMB	<u>4/98</u>	28 S LCC	L64	Asynchronous CMOS OTP PLD	A
5962-90555 03LX	PLDC20RA10-20DMB	<u>4/98</u>	24.3 DIP	D14	Asynchronous CMOS OTP PLD	A
5962-90611 02XX	CY7C344-25WMB	<u>4/98</u>	28.3 DIP	W22	32-Macrocell UV EPLD	A
5962-90611 02YX	CY7C344-25HMB	<u>4/98</u>	28 S JCQ	H64	32-Macrocell UV EPLD	A
5962-90803 03MLX	CY7C261-35DMB	<u>4/98</u>	24.3 DIP	D14	8K x 8 OTP PROM	A
5962-90803 04MLX	CY7C261-25DMB	<u>4/98</u>	24.3 DIP	D14	8K x 8 OTP PROM	A
5962-90989 03MLX	PLDC20RA10-20WMB	<u>4/98</u>	24.3 DIP	W14	Asynchronous CMOS UV EPLD	A
5962-91585 06MXX	CY7C425-30DMB		28.3 DIP	D22	1K x 9 FIFO	A
5962-91744 02MXX	CY7C277-40WMB		28.3 DIP	W22	32K x 8 Registered UV PROM	A
5962-92009 01MXC	VAC068A-GMB		145 PGA	G145	VME Address Controller	C
5962-92010 01MXC	VIC068A-GMB	<u>4/98</u>	145 PGA	G145	VME Interface Controller	C
5962-92062 02MYX	CY7C341-30RMB	<u>4/98</u>	84 PGA	R84	192-Macrocell UV EPLD	C
5962-92062 03MXA	CY7C341-35HMB	<u>4/98</u>	84 S JCQ	H84	192-Macrocell UV EPLD	A
5962-92158 02MXX	CY7C343-30HMB	<u>4/98</u>	44 S JCQ	H67	64-Macrocell UV EPLD	A
5962-93112 01MXX	CY7B992-7LMB	<u>4/98</u>	32 R LCC	L55	Prog Skew Clock Buffer	A
5962-93144 01MUX	CY7C346-35HMB		84 S JCQ	H84	128-Macrocell UV EPLD	A
5962-93144 01MZX	CY7C346-35RMB		100 PGA	R100	128-Macrocell UV EPLD	C
5962-93144 02MUX	CY7C346-30HMB	<u>4/98</u>	84 S JCQ	H84	128-Macrocell UV EPLD	A
5962-93144 02MZX	CY7C346-30RMB	<u>4/98</u>	100 PGA	R100	128-Macrocell UV EPLD	C
5962-94510 02MZX	CY7C335-66QMB		28 S LCC	Q64	Synchronous UV EPLD	A
5962-94522 01MXX	CY7B991-7LMB	<u>4/98</u>	32 R LCC	L55	Prog Skew Clock Buffer	A
5962-96895 01Q3A	CY7B923LMB	<u>4/98</u>	28 S LCC	L64	HOTLink Transmitter	A
5962-96896 01Q3A	CY7B933LMB	<u>4/98</u>	28 S LCC	L64	HOTLink Receiver	A
5962-97597 01QXA	CY7C372i-66YMB		44 JCLCC	Y67	64 Macrocell Flash CPLD	A
5962-97597 02QXA	CY7C372i-83YMB	<u>4/98</u>	44 JCLCC	Y67	64 Macrocell Flash CPLD	A
5962-97598 01QXC	CY7C374i-66GMB		84 PGA	G84	128 Macrocell Flash CPLD	C
5962-97598 01QYA	CY7C374i-66YMB	<u>4/98</u>	84 JCLCC	Y84	128 Macrocell Flash CPLD	A
5962-97598 02QXC	CY7C374i-83GMB	<u>4/98</u>	84 PGA	G84	128 Macrocell Flash CPLD	C
5962-97598 02QYA	CY7C374i-83YMB	<u>4/98</u>	84 JCLCC	Y84	128 Macrocell Flash CPLD	A
5962-97599 01QZC	CY7C375i-66UMB	<u>4/98</u>	160 CQFP	U162	128 Macrocell Flash CPLD	C
5962-97599 02QXC	CY7C375i-83GMB	<u>4/98</u>	160 PGA	G160	128 Macrocell Flash CPLD	C
5962-97599 02QZC	CY7C375i-83UMB	<u>4/98</u>	160 CQFP	U162	128 Macrocell Flash CPLD	C
5962-97631 01QXA	CY7C4271-15LMB		32 R LCC	L55	32K x 9 Sync FIFO	A
5962-99519 01QYA	CY37064P44-125YMB		44 JCLCC	Y67	64 Macrocell EE CPLD	A
5962-99519 02QYA	CY37064P44-154YMB	<u>8/99</u>	44 JCLCC	Y67	64 Macrocell EE CPLD	A
5962-99520 01QYA	CY37064VP44-100YMB	<u>8/99</u>	44 JCLCC	Y67	64 Macrocell EE CPLD	A
5962-99521 01QYA	CY37128P84-100YMB	<u>8/99</u>	84 JCLCC	Y84	128 Macrocell EE CPLD	A
5962-99521 02QYA	CY37128P84-125YMB	<u>8/99</u>	84 JCLCC	Y84	128 Macrocell EE CPLD	A
5962-99522 01QYA	CY37128VP84-83YMB	<u>8/99</u>	84 JCLCC	Y84	128 Macrocell EE CPLD	A
5962-99523 01QZC	CY37256P160-83UMB	<u>8/99</u>	160 CQFP	U162	256 Macrocell EE CPLD	C
5962-99523 02QZC	CY37256P160-125UMB	<u>8/99</u>	160 CQFP	U162	256 Macrocell EE CPLD	C

## SMD Cross Reference by SMD Number<sup>[1]</sup> (continued)

SMD Number	Equivalent Cypress <sup>[2]</sup> Part Number	PPL <sup>[3]</sup>	Package <sup>[4]</sup>		Part Number Description	Lead Finish <sup>[5]</sup>
			Description	Type		
5962-99524 01QZC	CY37256VP160-66UMB	<u>8/99</u>	160 CQFP	U162	256 Macrocell EE CPLD	C
5962-99525 01QZC	CY37512P208-83UMB	<u>8/99</u>	208 CQFP	U208	512 Macrocell EE CPLD	C
5962-99525 02QZC	CY37512P208-100UMB	<u>8/99</u>	208 CQFP	U208	512 Macrocell EE CPLD	C
5962-99526 01QZC	CY37512VP208-66UMB	<u>8/99</u>	208 CQFP	U208	512 Macrocell EE CPLD	C
5962-99615 02 QYA	CY7C466A-15LMB		32 R LCC	L55	64K x 9 FIFO	A

## Cypress Part Number Cross Reference to SMD Number

Equivalent Cypress <sup>[2]</sup> Part Number	PPL <sup>[3]</sup>	SMD Number	Package <sup>[4]</sup>		Part Number Description	Lead Finish <sup>[5]</sup>
			Description	Type		
CY37064P44-125YMB		5962-99519 01QYA	44 JCLCC	Y67	64 Macrocell EE CPLD	A
CY37064P44-154YMB	<u>8/99</u>	5962-99519 02QYA	44 JCLCC	Y67	64 Macrocell EE CPLD	A
CY37064VP44-100YMB	<u>8/99</u>	5962-99520 01QYA	44 JCLCC	Y67	64 Macrocell EE CPLD	A
CY37128P84-100YMB	<u>8/99</u>	5962-99521 01QYA	84 JCLCC	Y84	128 Macrocell EE CPLD	A
CY37128P84-125YMB	<u>8/99</u>	5962-99521 02QYA	84 JCLCC	Y84	128 Macrocell EE CPLD	A
CY37128VP84-83YMB	<u>8/99</u>	5962-99522 01QYA	84 JCLCC	Y84	128 Macrocell EE CPLD	A
CY37256P160-83UMB	<u>8/99</u>	5962-99523 01QZC	160 CQFP	U162	256 Macrocell EE CPLD	C
CY37256P160-125UMB	<u>8/99</u>	5962-99523 02QZC	160 CQFP	U162	256 Macrocell EE CPLD	C
CY37256VP160-66UMB		5962-99524 01QZC	160 CQFP	U162	256 Macrocell EE CPLD	C
CY37512P208-83UMB	<u>8/99</u>	5962-99525 01QZC	208 CQFP	U208	512 Macrocell EE CPLD	C
CY37512P208-100UMB	<u>8/99</u>	5962-99525 02QZC	208 CQFP	U208	512 Macrocell EE CPLD	C
CY37512VP208-66UMB	<u>8/99</u>	5962-99526 01QZC	208 CQFP	U208	512 Macrocell EE CPLD	C
CY6116A-35LMB			28 S LCC	L64	2K x 8 SRAM	A
CY6116A-55DMB			24.6 DIP	D12	2K x 8 SRAM	A
CY7B923LMB	<u>4/98</u>	5962-96895 01Q3A	28 S LCC	L64	HOTLink Transmitter	A
CY7B933LMB	<u>4/98</u>	5962-96896 01Q3A	28 S LCC	L64	HOTLink Receiver	A
CY7B991-7LMB	<u>4/98</u>	5962-94522 01MXX	32 R LCC	L55	Prog Skew Clock Buffer	A
CY7B992-7LMB	<u>4/98</u>	5962-93112 01MXX	32 R LCC	L55	Prog Skew Clock Buffer	A
CY7C109L-25DMB		5962-89598 20MZA	32.4 DIP	D32	128K x 8 SRAM	A
CY7C109L-25LMB		5962-89598 20MMA	32 R LCC	L55	128K x 8 SRAM	A
CY7C128A-25DMB			24.3 DIP	D14	2K x 8 SRAM	A
CY7C128A-35DMB			24.3 DIP	D14	2K x 8 SRAM	A
CY7C128A-45DMB			24.3 DIP	D14	2K x 8 SRAM	A
CY7C128A-55DMB			24.3 DIP	D14	2K x 8 SRAM	A
CY7C185A-20DMB		5962-38294 17MZX	28.3 DIP	D22	8K x 8 SRAM	A
CY7C185A-20DMB		5962-89691 04ZX	28.3 DIP	D22	8K x 8 SRAM	A
CY7C185A-25DMB		5962-38294 15MZX	28.3 DIP	D22	8K x 8 SRAM	A
CY7C185A-25DMB		5962-89691 02ZX	28.3 DIP	D22	8K x 8 SRAM	A
CY7C185A-35DMB		5962-38294 13MZX	28.3 DIP	D22	8K x 8 SRAM	A
CY7C185A-35DMB		5962-85525 07ZX	28.3 DIP	D22	8K x 8 SRAM	A
CY7C185A-45DMB		5962-38294 11MZX	28.3 DIP	D22	8K x 8 SRAM	A
CY7C185A-45DMB		5962-85525 06ZX	28.3 DIP	D22	8K x 8 SRAM	A
CY7C198-25DMB		5962-88662 06XX	28.6 DIP	D16	32K x 8 SRAM	A
CY7C198-25LMB		5962-88662 06YX	32 R LCC	L55	32K x 8 SRAM	A
CY7C199-15DMB		5962-88662 08NX	28.3 DIP	D22	32K x 8 SRAM	A
CY7C199-20DMB			28.3 DIP	D22	32K x 8 SRAM	A
CY7C199-20LMB		5962-88662 07UX	28 R LCC	L54	32K x 8 SRAM	A
CY7C199-25DMB		5962-88662 06NX	28.3 DIP	D22	32K x 8 SRAM	A
CY7C199-25LMB		5962-88662 06UX	28 R LCC	L54	32K x 8 SRAM	A
CY7C199-35DMB		5962-88662 05NX	28.3 DIP	D22	32K x 8 SRAM	A
CY7C199-35LMB		5962-88662 05UX	28 R LCC	L54	32K x 8 SRAM	A
CY7C199-45DMB		5962-88662 04NX	28.3 DIP	D22	32K x 8 SRAM	A
CY7C199-45LMB		5962-88662 04UX	28 R LCC	L54	32K x 8 SRAM	A

## Cypress Part Number Cross Reference to SMD Number (continued)

Equivalent Cypress <sup>[2]</sup> Part Number	PPL <sup>[3]</sup>	SMD Number	Package <sup>[4]</sup>		Part Number Description	Lead Finish <sup>[5]</sup>
			Description	Type		
CY7C199-55DMB		5962-88662 03NX	28.3 DIP	D22	32K x 8 SRAM	A
CY7C225A-30DMB		5962-88518 04LX	24.3 DIP	D14	512 x 8 Registered PROM	A
CY7C225A-35DMB		5962-88518 05LX	24.3 DIP	D14	512 x 8 Registered PROM	A
CY7C225A-40LMB			28 S LCC	L64	512 x 8 Registered PROM	A
CY7C235A-30DMB		5962-88636 04LX	24.3 DIP	D14	1K x 8 Registered PROM	A
CY7C235A-40DMB		5962-88636 03LX	24.3 DIP	D14	1K x 8 Registered PROM	A
CY7C235A-40LMB			28 S LCC	L64	1K x 8 Registered PROM	A
CY7C245A-18QMB	<u>4/98</u>		28 S LCC	Q64	2K x 8 Registered UV EPROM	A
CY7C245A-18WMB	<u>4/98</u>	5962-89815 03LX	24.3 DIP	W14	2K x 8 Registered UV EPROM	A
CY7C245A-25DMB	<u>4/98</u>	5962-88735 04LX	24.3 DIP	D14	2K x 8 Registered PROM	A
CY7C245A-25WMB	<u>4/98</u>	5962-89815 02LX	24.3 DIP	W14	2K x 8 Registered UV EPROM	A
CY7C245A-35DMB	<u>4/98</u>		24.3 DIP	D14	2K x 8 Registered PROM	A
CY7C245A-35LMB	<u>4/98</u>	5962-88735 033X	28 S LCC	L64	2K x 8 Registered PROM	A
CY7C245A-35QMB	<u>4/98</u>		28 S LCC	Q64	2K x 8 Registered UV EPROM	A
CY7C261-25DMB	<u>4/98</u>	5962-90803 04MLX	24.3 DIP	D14	8K x 8 OTP PROM	A
CY7C261-25WMB		5962-87515 12LX	24.3 DIP	W14	8K x 8 UV EPROM	A
CY7C261-35DMB	<u>4/98</u>	5962-90803 03MLX	24.3 DIP	D14	8K x 8 OTP PROM	A
CY7C261-35QMB	<u>4/98</u>	5962-87515 073X	28 S LCC	Q64	8K x 8 UV EPROM	A
CY7C261-45WMB		5962-87515 05LX	24.3 DIP	W14	8K x 8 UV EPROM	A
CY7C263-25DMB			24.3 DIP	D14	8K x 8 OTP PROM	A
CY7C263-25QMB	<u>4/98</u>		28 S LCC	Q64	8K x 8 UV EPROM	A
CY7C263-25WMB	<u>4/98</u>		24.3 DIP	W14	8K x 8 UV EPROM	A
CY7C263-35WMB		5962-87515 08LX	24.3 DIP	W14	8K x 8 UV EPROM	A
CY7C263-45DMB			24.3 DIP	D14	8K x 8 OTP PROM	A
CY7C264-45WMB			24.6 DIP	W12	8K x 8 UV EPROM	A
CY7C265-18WMB			28.3 DIP	W22	8K x 8 Registered UV PROM	A
CY7C265-50DMB		5962-89967 02MXX	28.3 DIP	D22	8K x 8 Registered OTP PROM	A
CY7C271-35WMB			28.3 DIP	W22	32K x 8 UV EPROM	A
CY7C271-45QMB		5962-89817 02ZX	32 R LCC	Q55	32K x 8 UV EPROM	A
CY7C271-45WMB		5962-89817 02XX	28.3 DIP	W16	32K x 8 UV EPROM	A
CY7C271-55QMB		5962-89817 01ZX	32 R LCC	Q55	32K x 8 UV EPROM	A
CY7C271-55WMB		5962-89817 01XX	28.3 DIP	W16	32K x 8 UV EPROM	A
CY7C274-35QMB			32 RLCC	Q55	32K x 8 UV EPROM	A
CY7C274-45WMB			28.6 DIP	W16	32K x 8 UV EPROM	A
CY7C274-55QMB			32 R LCC	Q55	32K x 8 UV EPROM	A
CY7C277-40WMB		5962-91744 02MXX	28.3 DIP	W22	32K x 8 Registered UV PROM	A
CY7C291-35WMB		5962-87650 03LX	24.3 DIP	W14	2K x 8 UV EPROM	A
CY7C291-50WMB		5962-87650 01LX	24.3 DIP	W14	2K x 8 UV EPROM	A
CY7C291A-25DMB	<u>4/98</u>	5962-88734 04LX	24.3 DIP	D14	2K x 8 EPROM	A
CY7C291A-25LMB	<u>4/98</u>	5962-88734 043X	28 S LCC	L64	2K x 8 EPROM	A
CY7C291A-35DMB	<u>4/98</u>		24.3 DIP	D14	2K x 8 EPROM	A
CY7C291A-35LMB		5962-88734 033X	28 S LCC	L64	2K x 8 EPROM	A
CY7C291A-45LMB	<u>4/98</u>	5962-88734 023X	28 S LCC	L64	2K x 8 EPROM	A

## Cypress Part Number Cross Reference to SMD Number (continued)

Equivalent Cypress <sup>[2]</sup> Part Number	PPL <sup>[3]</sup>	SMD Number	Package <sup>[4]</sup>		Part Number Description	Lead Finish <sup>[5]</sup>
			Description	Type		
CY7C335-66QMB		5962-94510 02MZX	28 S LCC	Q64	Synchronous UV EPLD	A
CY7C341-30RMB	<u>4/98</u>	5962-92062 02MYX	84 PGA	R84	192-Macrocell UV EPLD	C
CY7C341-35HMB	<u>4/98</u>	5962-92062 03MXA	84 S JCQ	H84	192-Macrocell UV EPLD	A
CY7C342B-15HMB		5962-89468 05YA	68 SOJ	H81	128-Macrocell UV EPLD	A
CY7C342B-15RMB		5962-89468 05XC	68 PGA	R68	128-Macrocell UV EPLD	C
CY7C342B-35HMB	<u>4/98</u>	5962-89468 01YA	68 CLCC	H81	128-Macrocell UV EPLD	A
CY7C342B-35RMB	<u>4/98</u>	5962-89468 01XC	68 PGA	R68	128-Macrocell UV EPLD	C
CY7C343-30HMB	<u>4/98</u>	5962-92158 02MXX	44 S JCQ	H67	64-Macrocell UV EPLD	A
CY7C344-25HMB	<u>4/98</u>	5962-90611 02YX	28 S JCQ	H64	32-Macrocell UV EPLD	A
CY7C344-25WMB	<u>4/98</u>	5962-90611 02XX	28.3 DIP	W22	32-Macrocell UV EPLD	A
CY7C346-30HMB	<u>4/98</u>	5962-93144 02MUX	84 S JCQ	H84	128-Macrocell UV EPLD	A
CY7C346-30RMB	<u>4/98</u>	5962-93144 02MZX	100 PGA	R100	128-Macrocell UV EPLD	C
CY7C346-35HMB		5962-93144 01MUX	84 S JCQ	H84	128-Macrocell UV EPLD	A
CY7C346-35RMB		5962-93144 01MZX	100 PGA	R100	128-Macrocell UV EPLD	C
CY7C372i-66YMB		5962-97597 01QXA	44 JCLCC	Y67	64 Macrocell Flash CPLD	A
CY7C372i-83YMB	<u>4/98</u>	5962-97597 02QXA	44 JCLCC	Y67	64 Macrocell Flash CPLD	A
CY7C374i-66GMB		5962-97598 01QXC	84 PGA	G84	128 Macrocell Flash CPLD	C
CY7C374i-66YMB	<u>4/98</u>	5962-97598 01QYA	84 JCLCC	Y84	128 Macrocell Flash CPLD	A
CY7C374i-83GMB	<u>4/98</u>	5962-97598 02QXC	84 PGA	G84	128 Macrocell Flash CPLD	C
CY7C374i-83YMB	<u>4/98</u>	5962-97598 02QYA	84 JCLCC	Y84	128 Macrocell Flash CPLD	A
CY7C375i-66UMB	<u>4/98</u>	5962-97599 01QZC	160 CQFP	U162	128 Macrocell Flash CPLD	C
CY7C375i-83GMB	<u>4/98</u>	5962-97599 02QXC	160 PGA	G160	128 Macrocell Flash CPLD	C
CY7C375i-83UMB	<u>4/98</u>	5962-97599 02QZC	160 CQFP	U162	128 Macrocell Flash CPLD	C
CY7C401-10DMB		5962-89523 05EX	16.3 DIP	D2	64 x 4 FIFO	A
CY7C401-15DMB		5962-89523 06EX	16.3 DIP	D2	64 x 4 FIFO	A
CY7C408A-25DMB		5962-89664 02XX	28.3 DIP	D22	64 x 8 FIFO	A
CY7C421-30DMB		5962-89863 05YX	28.3 DIP	D22	512 x 9 FIFO	A
CY7C425-30DMB		5962-91585 06MXX	28.3 DIP	D22	1K x 9 FIFO	A
CY7C4271-15LMB		5962-97631 01QXA	32 R LCC	L55	32K x 9 FIFO	A
CY7C453-14LMB			32 R LCC	L55	2K x 9 Clocked FIFO	A
CY7C453-20LMB			32 R LCC	L55	2K x 9 Clocked FIFO	A
CY7C466A-15LMB		5962-99615 02QYA	32 R LCC	L55	64K x 9 FIFO	A
CY7C964-UMB	<u>4/98</u>		64 CQFP	U65	Bus Interface Logic Circuit	C
PALC22V10-25DMB		5962-88670 01LX	24.3 DIP	D14	24-Pin CMOS PLD	A
PALC22V10-25LMB		5962-88670 013X	28 S LCC	L64	24-Pin CMOS PLD	A
PALC22V10-25QMB		5962-87539 013X	28 S LCC	Q64	24-Pin CMOS UV EPLD	A
PALC22V10-25WMB		5962-87539 01LX	24.3 DIP	W14	24-Pin CMOS UV EPLD	A
PALC22V10-30DMB		5962-88670 02LX	24.3 DIP	D14	24-Pin CMOS PLD	A
PALC22V10B-15DMB		5962-88670 05LX	24.3 DIP	D14	24-Pin CMOS PLD	A
PALC22V10B-15KMB		5962-88670 05KX	24 CP	K73	24-Pin CMOS PLD	A
PALC22V10B-15LMB		5962-88670 053X	28 S LCC	L64	24-Pin CMOS PLD	A
PALC22V10B-20DMB		5962-88670 04LX	24.3 DIP	D14	24-Pin CMOS PLD	A
PALC22V10B-20KMB		5962-88670 04KX	24 CP	K73	24-Pin CMOS PLD	A

## Cypress Part Number Cross Reference to SMD Number (continued)

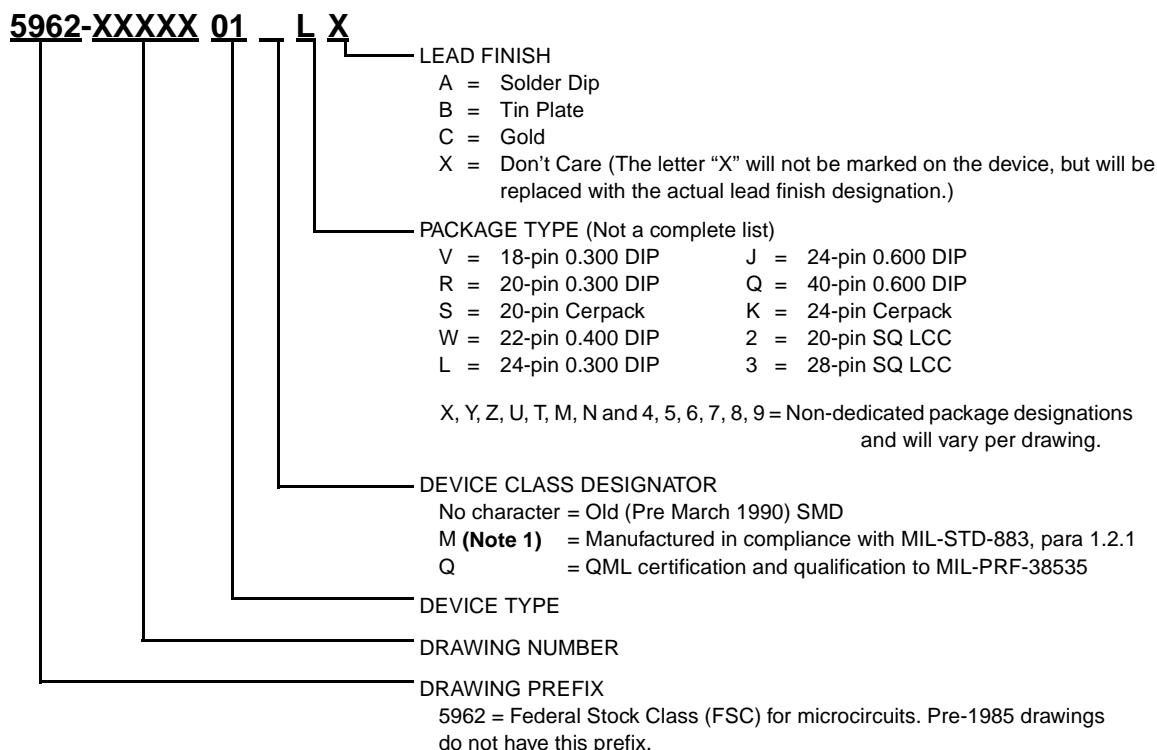
Equivalent Cypress <sup>[2]</sup> Part Number	PPL <sup>[3]</sup>	SMD Number	Package <sup>[4]</sup>		Part Number Description	Lead Finish <sup>[5]</sup>
			Description	Type		
PALC22V10B-20LMB		5962-88670 043X	28 S LCC	L64	24-Pin CMOS PLD	A
PALC22V10B-20QMB		5962-87539 043X	28 S LCC	Q64	24-Pin CMOS UV EPLD	A
PALC22V10B-20WMB		5962-87539 04LX	24.3 DIP	W14	24-Pin CMOS UV EPLD	A
PALC22V10D-10DMB	<u>4/98</u>	5962-89841 06LX	24.3 DIP	D14	CMOS EE PLD	A
PALC22V10D-10KMB	<u>4/98</u>	5962-89841 06KX	24 CP	K73	CMOS EE PLD	A
PALC22V10D-10LMB	<u>4/98</u>	5962-89841 063X	28 S LCC	L64	CMOS EE PLD	A
PALC22V10D-15DMB	<u>4/98</u>	5962-89841 03LX	24.3 DIP	D14	CMOS EE PLD	A
PALC22V10D-15DMB	<u>4/98</u>	5962-89841 05LX	24.3 DIP	D14	CMOS EE PLD	A
PALC22V10D-15LMB	<u>4/98</u>	5962-89841 033X	28 S LCC	L64	CMOS EE PLD	A
PALC22V10D-15LMB	<u>4/98</u>	5962-89841 053X	28 S LCC	L64	CMOS EE PLD	A
PALC22V10D-20DMB	<u>4/98</u>	5962-89841 02LX	24.3 DIP	D14	CMOS EE PLD	A
PALC22V10D-20KMB		5962-89841 02KX	24 CP	K73	CMOS EE PLD	A
PALC22V10D-25LMB	<u>4/98</u>	5962-89841 043X	28 S LCC	L64	CMOS EE PLD	A
PALCE16V8-15DMB	<u>4/98</u>	5962-89839 13RX	20.3 DIP	D6	CMOS EE PAL	A
PALCE16V8-15LMB	<u>4/98</u>	5962-89839 132X	20 S LCC	L61	CMOS EE PAL	A
PALCE22V10-10DMB	<u>4/98</u>	5962-89841 06LX	24.3 DIP	D14	CMOS EE PLD	A
PALCE22V10-10KMB	<u>4/98</u>	5962-89841 06KX	24 CP	K73	CMOS EE PLD	A
PALCE22V10-10LMB	<u>4/98</u>	5962-89841 063X	28 S LCC	L64	CMOS EE PLD	A
PALCE22V10-15DMB	<u>4/98</u>	5962-89841 03LX	24.3 DIP	D14	CMOS EE PLD	A
PALCE22V10-15DMB	<u>4/98</u>	5962-89841 05LX	24.3 DIP	D14	CMOS EE PLD	A
PALCE22V10-15LMB	<u>4/98</u>	5962-89841 033X	28 S LCC	L64	CMOS EE PLD	A
PALCE22V10-15LMB	<u>4/98</u>	5962-89841 053X	28 S LCC	L64	CMOS EE PLD	A
PALCE22V10-20DMB	<u>4/98</u>	5962-89841 02LX	24.3 DIP	D14	CMOS EE PLD	A
PALCE22V10-25DMB	<u>4/98</u>	5962-89841 10LA	24.3 DIP	D14	CMOS EE PLD	A
PALCE22V10-25LMB	<u>4/98</u>	5962-89841 103A	28 S LCC	L64	CMOS EE PLD	A
PALCE22V10-25LMB	<u>4/98</u>	5962-89841 043X	28 S LCC	L64	CMOS EE PLD	A
PALCE22V10-30KMB	<u>4/98</u>	5962-89841 02KX	24 CP	K73	CMOS EE PLD	A
PLDC20G10-30DMB	<u>4/98</u>	5962-88637 02LX	24.3 DIP	D14	Generic CMOS PLD	A
PLDC20G10-30LMB	<u>4/98</u>	5962-88637 023X	28 S LCC	L64	Generic CMOS PLD	A
PLDC20RA10-20LMB	<u>4/98</u>	5962-90555 033X	28 S LCC	L64	Asynchronous CMOS OTP PLD	A
PLDC20RA10-20WMB	<u>4/98</u>	5962-90989 03MLX	24.3 DIP	W14	Asynchronous CMOS UV EPLD	A
PLDC20RA10-25DMB		5962-90555 02LX	24.3 DIP	D14	Asynchronous CMOS OTP PLD	A
PLDC20RA10-25LMB	<u>4/98</u>	5962-90555 023X	28 S LCC	L64	Asynchronous CMOS OTP PLD	A
PLDC20RA10-35DMB		5962-90555 01LX	24.3 DIP	D14	Asynchronous CMOS OTP PLD	A
VAC068A-GMB		5962-92009 01MXC	145 PGA	G145	VME Address Controller	C
VIC068A-GMB	<u>4/98</u>	5962-92010 01MXC	145 PGA	G145	VME Interface Controller	C
VIC068A-UMB	<u>4/98</u>		160 FP	U162	VME Interface Controller	C
VIC64-UMB	<u>4/98</u>		160 CQFP	U162	VMEbus Interface Controller	C

## Notes:

1. Devices listed have been approved by DSCC for the SMD indicated as of the date of publication. Contact your local Cypress representative, or the Cypress SMD Hotline at 408/943-2716, for the latest update.
2. Use the SMD part number as the ordering code.
3. All part numbers that have an X in the PPL (Preferred Parts List) column will be supported by Cypress for a minimum of 5 years, either with the exact part number or a functional equivalent.
4. Package: 24.3 DIP = 24-pin 0.300" DIP;  
24.6 DIP = 24-pin 0.600" DIP;  
28 R LCC = 28 terminal rectangular LCC,  
S = Square LCC, TLCC = Thin LCC  
24 CP = 24-pin ceramic flatpack (Configuration 1);  
FP = brazed flatpack;  
PGA = Pin Grid Array.
5. Lead Finish Designator  
A = Solder Dipped  
C = Gold

SMD Hotline: 408/943-2716

## SMD Ordering Information



## Note:

1. All Cypress military product are manufactured under QML. On pre-existing documents the "M" designator on the SMD documents will not be changed to "Q." All military product "Q" or "M" will be marked with the "Q" certification mark.

## Cypress Military Marking Information

### Manufacturer's identification:

Cypress Logo, CYPRESS, CYP, and CY are trademarks of Cypress Semiconductor Corporation.

### Manufacturer's designating symbol or CAGE CODE:

Designating symbol = CETK or ETK

CAGE CODE/FSCM Number = 65786

### Country of origin:

USA = United States of America

THA = Thailand

**Revision: July 12, 2001**