

# Si570 Control Board Parts

Ver 1.3 2/7/2011

Quantity	Designator	Description	Part number	Single Price	Total Price
1	HDR3	8-pin RA Socket	(Samtec) SSQ-108-04-G-S-RA	\$0.77	\$0.77
1	HDR4	SIP socket, 16-pos'n. .1" (on PCB for LCD)	(D) ED7150-ND (M) 517-974-01-16	\$1.69	\$1.69
1	(on LCD)	SIP header, 16-pos'n .1"	(M) 571-16404526	\$1.10	\$1.10
1	for U1	DIP socket, 18-position .1" (for PIC)	(D) ED3118-ND	\$1.01	\$1.01
1	HDR-2	Locking Header (.1" spacing) (4-pins)	(D) WM4202-ND	\$0.42	\$0.42
1	For HDR-2	Locking Socket (.100" spacing) (4-pins)	(D) WM2002-ND	\$0.29	\$0.29
4	For HDR-2	Pins for locking sockets	(D) WM1114-ND	\$0.12	\$0.48
4	HDR1, HDR5-HDR7	pin header, 0.1", 1x2 pos'n	(M) 571-1032392	\$0.20	\$0.80
2	C1, C4	0.1 uF, monolithic, (small yellow, "104") (or blue)	(D) 478-4855-ND	\$0.19	\$0.38
2	C7, C8	.22 uF, monolithic (224)	(D) 445-2849-ND	\$0.21	\$0.21
2	C2,C3	10 uF tantalum cap	(D) 399-3638-ND	\$0.79	\$1.58
1	R5	6.2 ohm resistor 1/4w	(D) 6.2QBK-ND	\$0.06	\$0.06
1	R6	36 ohm resistor 1/4w 5%	(D) 36QBK-ND	\$0.06	\$0.06
1	R3	470 ohm resistor 1/4w 5%	(D) 470QBK-ND	\$0.06	\$0.06
1	R4	5.6k ohm resistor 1/4w 5%	(D) 10KQBK-ND	\$0.06	\$0.06
11	R1,R2, R8-R16	10K resistor 1/4w 5%	(D) 10KQBK-ND	\$0.06	\$0.70
1	U2	REG LDO 1A 5.0V SOT223-3	(D) ZLDO1117G50DICT-ND	\$0.62	\$0.62
1	LCD	Liquid Crystal Display with B/L, 2x16 char	08LCD9 from ElectronixExpress.com	\$8.95	\$8.95
2	PB-3, PB-4	SPST pushbutton, momentary	(D) P8079SCT-ND	\$0.38	\$0.76
1	J1	SMA connector, edge mount	(D) J502-ND	\$5.10	\$5.10
1	ENC1	Mechanical Encoder(Quadrature)	Kanga	\$9.00	\$9.00
1	For ENC1	Three 6" Wires	Kanga	\$0.25	\$0.25
1		PCB	AA0ZZ supplied	\$8.00	\$8.00
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					\$42.36

\*\*\* NOTE Programmed PIC supplied with Daughtercard