

Desired Board Count  
Pricing Current as of

1  
Apr 1, 2012

Type	Manufacturer	Part Number	Mouser	Digikey	DS	Description	Per Board	Unit Price	Board Price	Part Name(s)
LED	ROHM	SLR-342MG3F	755-SLR-342MG3F	511-1248-ND	DS	LED green diffused through hole 2.5mm pitch	1	\$0.51	\$0.51	HDLED
C	Vishay	K104Z15Y5VF5TH5	594-K104Z15Y5VF5TH5	BC1165CT-ND	DS	.1uF MLCC 50V Capacitor 5mm Leaded	8	\$0.39	\$3.12	C1-3,C5-8,C10
C	TDK	FK24Y5V0J226Z	810-FK24Y5V0J226Z	445-2869-ND	DS	22uF MLCC 50V Capacitor 5mm Leaded	3	\$0.52	\$1.56	C4,C9,C11
RN	Bourns	4604X-101-103LF	652-4604X-1LF-10K		DS	Resistor network x3 bussed 10Kohm SIP-5 2%	1	\$0.25	\$0.25	RN1
RA	Bourns	4116R-1-331LF	652-4116R-1LF-330	4116R-1-331LF-ND	DS	Resistor array x8 isolated 330ohm DIP-16 2%	1	\$0.60	\$0.60	RA1
R	Vishay	PR01000102200JR500	594-5073NW220R0J	PPC220W-1CT-ND	DS	Resistor 220 ohm 1W 5% 2.5x6.5mm	2	\$0.16	\$0.32	R1,R2
R	Vishay	PR01000104702JR500	594-5073NW47K00J	PPC47KW-1CT-ND	DS	Resistor 47K ohm 1W 5% 2.5x6.5mm	1	\$0.16	\$0.16	R3
IC	Alliance	AS6C4008-55PCN	913-AS6C4008-55PCN		DS	512Kx8 55ns 4MBit 5V SRAM PDIP-32 .600"	2	\$3.27	\$6.54	U1,U2
IC	Microchip	SST39SF040-70-4C-PHE	804-39SF0407CPHE	SST39SF040-70-4C-PHE-ND	DS	512Kx8 70ns 4MBit 5V Flash – PDIP-32 .600"	1	\$2.74	\$2.74	U3
IC	Atmel	ATF1504AS-10JC44	556-AF1504AS10JU44	ATF1504AS-10JC44-ND	DS	CPLD 64 macrocell 5V 10ns – PLCC-44	1	\$3.11	\$3.11	U6
Socket	3M	8444-11B1-RK-TP	517-8444-11B1-RK-TP	3M4411B1-ND	DS	PLCC-44 Socket	1	\$0.93	\$0.93	U6
IC	Atmel	ATF1508AS-10JU84	556-ATF1508AS-10JU84	ATF1508AS-10JU84-ND	DS	CPLD 128 Macrocell 10ns – PLCC-84	1	\$10.32	\$10.32	U4
Socket	3M	8484-11B1-RK-TP	517-8484-11B1-RK-TP	3M8411B1-ND	DS	PLCC-84 Socket	1	\$1.46	\$1.46	U4
Socket	3M	4824-6000-CP	517-4824-6000-CP	3M5467-ND	DS	PDIP-24 Socket .600"	1	\$0.19	\$0.19	U5
Socket	3M	4832-6000-CP	517-4832-6000-CP	3M5470-ND	DS	PDIP-32 Socket .600"	3	\$0.23	\$0.69	U1,U2,U3
IC	Maxim	DS12C887A+	700-DS12C887A	DS12C887A+-ND	DS	Real-time clock & NVRAM module w/ XO & battery – eDIP-	1	\$11.07	\$11.07	U5
LED	Light-On	LTD-4708JR	859-LTD-4708JR	160-1539-5-ND	DS	LED dual 7-segment .4" low current super-red	1	\$1.08	\$1.08	POST
Conn	3M	951240-7622-AR	517-951240-7622-AR	3M9167-ND	DS	40 Pin Right-Angle Male Header 2.54mm .76 AU/NI	1	\$1.68	\$1.68	J2
Conn	3M	961102-6404-AR	517-9611026404AR	3M9447-ND	DS	2 Pin Vertical Male Header 2.54mm .76 AU/NI	3	\$0.11	\$0.33	HDLED,AUX,JP1
Conn	3M	961210-6404-AR	517-9612106404AR	3M9460-ND	DS	10 Pin Vertical Male Header 2.54mm .76 AU/NI	2	\$0.40	\$0.80	J3,J4
Switch	CTS	208-6	774-2086	CT2086-ND	DS	6 Position SPST Slide Dip Switch	1	\$0.73	\$0.73	SW1

**\$48.19**

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