



DEFCON 14 Circuit Board Badge

Bill-of-Materials

Document Version 1.3, April 17, 2006

Note: BOM is for budgetary purposes only and does not include shipping costs or taxes

Build Quantity 6055

Item	Quantity	Reference	Manufacturer	Manuf. Part #	Distributor	Distrib. Part #	Description	Unit Price	Per Build	MIN/ MULT	Extended Price
1	1	BT1	Keystone	3002TR	FAI	3002TR	Battery holder, 20mm coin cell, SMD	\$0.1050	6000	500/ 500	\$630.00
					Mouser	534-3002TR		\$0.6100	60		\$36.60
1a	1	N/A	Renata Batteries	CR2032	FAI	CR2032	CR2032 Lithium 3V Coin Cell Battery (225mAh)	\$0.2500	6075	500/ 25	\$1,518.75
2	1	C1	AVX	0603YC104JAT2A	FAI	0603YC104JAT2A	0.1uF bypass capacitor, 16V, X7R, 0603	\$0.0095	8000	4000/ 4000	\$76.00
3	2	D1.D2	Lumex	SSL-LX100133USBC	FAI	SSL-LX100133USBC	10mm LED, Blue water clear, 800mcd, 3.5V	\$0.7000	12200	100/ 100	\$8,540.00
4	2	R1.R2	Any	CRCW0603-102JRT1	FAI	CRCW0603-102JRT1	1.0k, 5%, 1/10W, 0603	\$0.0016	15000	5000/ 5000	\$24.00
5	1	SW1	Panasonic	EVO-PPDA25	Digi-Key	P8087STR-ND	SPST momentary pushbutton switch, 240gf, 50mA, SMD	\$0.3250	6060		\$1,969.50
6	1	U1	Microchip	PIC10F202T-I/OT	Digi-Key	PIC10F202T-I/OTTR-ND	PIC Microcontroller, SOT23-6 (includes programming)	\$0.9416	6055		\$5,701.39
7	1	PCB	e-Teknet	DEFCON 1.0	e-Teknet	ETA3149RAdd	PCB (includes assembly and testing)	\$2.3100	6055		\$13,987.05
										Total	\$32,483.29
										Approximate Per Unit Cost	\$5.36