

4 Feb, 2000

OEM BS2 - Rev A

Bill of Materials

Description	Qty	Location	Manufacturer	Manufacturer P/N	Parallax P/N	Digikey P/N	Jameco P/N	Mouser P/N
10K Rnet - 4 Res, 8 Pin, ISO	2.000	RN1, RN2	CTS	770-83-R-10K	151-01032	770-83-R-10K-ND	< Not Available >	71-CSC06A03-10K
4.7K 1/8W 5% Resistor	2.000	R1, R2	YAGEO	4.7KEBK	150-04721	4.7KEBK-ND	29911	2994.7K
10uF 16V Radial Elect. Cap	1.000	C1	Panasonic	ECE-A1CKA100	201-01061	P807-ND	94211	140-XRL16V10
.1uF 50V Radial Ceramic cap	2.000	C2, C3	Panasonic	ECU-S1H104KBB	200-01040	P4923-ND	25523	21RZ310
2N3904 Transistor	2.000	Q1, Q2	Fairchild	2N3904	500-00001	2N3904-ND	38359	625-2N3904
2N3906 Transistor	1.000	Q3	Fairchild	2N3906	500-00003	2N3906-ND	38375	625-2N3906
DIP Socket 28-pin	1.000	U1	Amp?	2-641605-1	450-02805	AE8928-ND	112272	535-28-6518-10
DIP Socket 8-pin	1.000	U2	Amp?	2-640463-1	450-00801	AE8908-ND	112205	535-08-3518-10
PBASIC2/P	1.000	U1	Parallax	PBASIC2/P	PBASIC2/P	< Not Available >	< Not Available >	< Not Available >
24LC16B	1.000	U2	Microchip	24LC16B/P	602-00001	24LC16B/P-ND	< Not Available >	511-M24C16-WBN6
Voltage Detector (4.1 Vdc)	1.000	U3	Panasonic	MN13811	603-00002	MN13811-S-Q-ND	< Not Available >	628-80740AN
20 MHz ceramic resonator	1.000	XTAL	CST	CST20.00MXW040	250-02060	X909-ND	< Not Available >	520-ZTT2000MX
LM2940-5.0 (TO-220)	1.000	VR1	National	LM2940T-5.0	601-00506	LM2940CT-5.0-ND	107182	511-L78S05CV
DB9 pcb mount RA	1.000	J1	Component Ctr	DR3-9FP	452-00005	A2100-ND	104951	571-7478444
20-pin RA SIP header	1.000	X1	Component Ctr	2340-5111TG	451-02002	S1112-36-ND	103270	517-5111TN

Notes:

supplier does not carry the actual part specified in this bill of materials. Since the ceramic resonator is the most likely component to differ significantly, **we recommend that you purchase the resonators directly from Parallax.**

Parallax, Inc
Digikey Corp.

(916) 624-8333 www.parallaxinc.com
(800) 344-4539 www.digikey.com

Jameco
Mouser

(800) 831-4242 www.jameco.com
(800) 346-6837 www.mouser.com