Propeller Breadboard version 1.3

Bill of Material

Ref.	Value	Device	Source	Source P/N	Price (ea.)	Extended
C1, C3	47uF	Capacitor, 47uF, 25V Alum	Digi-Key	P834-ND	$0.25	$0.50
C2	0.1uF	Ceramic Capacitor - 0.1uF, 50V	Digi-Key	490-3859-ND	$0.25	$0.25
C4-C6	0.1uF	Capacitor, 0.1uF, 50V, 1206	Mouser	311-1261-1-ND	$0.53	$1.59
J1	Jack	Power Jack 2.0x6.5mm	Digi-Key	CP-037A-ND	$0.91	$0.91
J2	Header-1x2	Header - 0.1" x 2	Digi-Key	SAM1112-02-ND	$0.80	$0.80
J3	Header-1x4	Header - right angle, 0.1" x 4	Digi-Key	609-3319-ND	$0.19	$0.19
J4-J7	Header-1x32	Header - 0.1" x 32	Digi-Key	SAM1112-32-ND	$3.45	$3.45
R1, R2	resistor - 10K	10K SMT Resistor M1206	Digi-Key	RMCF1206JT10K0CT-ND	$0.05	$0.10
S1	switch	B3F-10XX	Digi-Key	SW400-ND	$0.35	$0.35
SK1	socket	8-pin IC socket	Digi-Key	1175-1467-ND	$0.42	$0.42
SK2	socket	40-pin IC socket	Digi-Key	1175-1473-ND	$1.81	$1.81
U1	P8X32A-D40	P8X32A-D40 microcontroller	Digi-Key	P8X32A-D40-ND	$7.99	$7.99
U2	24LC512	24LC512 EEPROM	Digi-Key	24LC512-I/P-ND	$1.61	$1.61
VR1	LM7805A	Voltage Regulator - 5V 1A	Digi-Key	LM7805ACT-ND	$0.67	$0.67
VR2	LP2950ACZ-3.3	Voltage Regulator - 3.3V 0.1A	Digi-Key	LP2950ACZ-3.3/NOPB-ND	$0.88	$0.88
Y1	5 MHz	Crystal, 5MHz, 20pF, HC-49S	Digi-Key	887-2052-ND	$0.33	$0.33
						$21.85
PCB	PCB	Propeller Breadboard v1.2	OSH Park	Propeller Breadboard v1.3	$12.92	$12.92
						$34.77