

Propteus rev. 2.0 Base Kit

Qty	Description	Digikey Part No.
1	Mikronauts Propteus rev.2 PCB	n/a
1	DIP-40 Propeller P8X32	P8X32A-D40-ND
1	DIP-8 24LC256 EEPROM	24LC256-I/P-ND
1	DIP-40 socket	3M5471-ND
1	DIP-8 socket	3M5473-ND
1	2x20 Female standard header	SAM1086-20-ND
2	1x10 Female standard header	SAM1122-10-ND
3	12 pin male headers	SAM1035-07-ND
1	5 pin male prog header	SAM1035-05-ND
1	4 pin male i2c header	SAM1035-04-ND
1	4 pin female short header	SAM1086-02-ND
1	SPDT mini slide switch	CKC5124-ND
1	Momentary SPST switch	P8007S-ND
1	LED Red for power indicator	754-1201-ND
4	LED Green user indicators	67-1127-ND
1	5MHz Crystal	X410-ND
1	LM7805	LM7805CT-ND
1	AS2810 or LM1117 3.3 Vreg	LM1117T-3.3-ND
1	1N4007 protection diode	1N4007FSCT-ND
5	470R resistors	470EBK-ND
3	10K resistor for reset switch	CF1/810KJRCT-ND
1	33uF electrolytic capacitor	P10320-ND
3	47uF electrolytic capacitor	P5137-ND
5	100nF ceramic capacitors	490-3873-ND
1	Wagp .500 2 screw terminal	A97996-ND

Propteus add-on Kits

Qty	Description	Digikey Part No.	Option
1	VGA DB15HD Female PCB connector	A35116-ND	VGA
3	240 ohm resistors	240EBK-ND	
2	270 ohm resistors	270EBK-ND	
3	470 ohm resistors	470EBK-ND	
1	100nF ceramic capacitors	490-3873-ND	
1	1x10 Female standard header	SAM1122-10-ND	extra
4	LED Green user indicators	67-1127-ND	
4	470R resistors	470EBK-ND	
1	RCA jack	CP-1421-ND	VIDEO
1	270 ohm resistors	270EBK-ND	
2	560 ohm resistors	560EBK-ND	
1	1.1k ohm resistor	P1.1KBACT-ND	
1	15k 6 pin sip	4606X-1-153LF-ND	uSD
1	15k ohm resistor	CF14JT15K0CT-ND	
1	100nF ceramic capacitor	490-3873-ND	
1	micro SD card socket	n/a	
4	10K resistor for PS/2 connector	CF1/810KJRCT-ND	PS/2
1	PS/2 socket	CP-2260-ND	
2	10k resistors for audio out	CF1/810KJRCT-ND	Audio
2	10nF ceramic capacitors	399-4326-ND	
2	1uF ceramic or electrolytic capacitors	478-3195-ND	
1	1/8" audio jack	CP1-3523N-ND	