

6502 CPU Board

RefDes	Value	Description	Notes	Supplier Part No.	Quantity
C1,2,5,6,7,8,9	100n	Ceramic capacitor			7
C3,4	10n	Ceramic capacitor			2
C10	15uF/16V	Electrolytic capacitor (axial)			1
IC1	6502	8-bit processor			1
IC2,8	INS8154	PIA	IC8 optional		2
IC3,4	2114	1K x 4-bit SRAM			2
IC5,6	74S571	512 x 4-bit PROM			2
IC7	2716	2K x 8-bit EPROM			1
IC9	74LS20	Dual 4-input NAND			1
IC10	74LS139	Dual 2 of 4 decoder			1
IC11	74LS04	Hex inverters			1
IC12	74LS00	Quad 2-input NAND gate			1
IC13	7805	5V regulator	optional		1
LK1	16-pin DIL header	Address Select			1
LK2	wire link	Block0	fit to feed BLK0 signal to backplane when regulator not used		1
PL1	20-way	20-way 3M header	for keyboard		1
PL2	DIN41612 AB 64-way	Right angle plug	for backplane		1
R1-4	4K7	Resistor 250mW			4
S1	D6 tactile switch	I.R.Q.			1
S2	D6 tactile switch	N.M.I.			1
S25	D6 tactile switch	RESET			1
XTAL	1MHz HC5u	Crystal			1
IC9,11,12	14-pin	DIL socket			3
IC10,LK4	16-pin	DIL socket			2
IC7	24-pin	DIL socket			1
IC1,2,8	40-pin	DIL socket			3
PCB					1
Offboard Parts					
	5HP 3U	Front panel with handle and fittings		Verotec 957-235349	1
		Panel brackets	or print your own	Verotec 173-12525	2
	M2.5 x 10mm	Pan head screws			4
	M2.5	Nuts			4