

Bill of Materials for P90MB, Rev 0

Qty	References	Value	Source
8	R1,R2,R3,R4,R5,R6,R7,R9	4.7K ohm 1/8W	
2	R8,R10	2.5K ohm 1/8W	
1	R15	4.7K 8-pin SIP Bus	Jameco 1970367
8	C1,C2,C3,C4,C5,C8,C9		
	C10	0.1uF Bypass Cap, 1206 size	
1	C13	100pF, 0805 size	
3	C7,C11,C12	10uF filter cap, SMT TC3528	
1	C6	2.2uF filter cap, SMT TC3528	
3	P1,P2,P3	40-pin socket	
2	P4,P5	1x6 Header, right angle, female	eBay
1	P6	2X5 Header	
1	P7	IDE 44 pin CF adapter	eBay
1	U1	P90CE201	UTSource
1	U2	AM29F040	
1	U3	RAM, low power 512Kx8	Mouser 913-AS6C4008-55PCN
1	U4	24MHZ 5V, Full can size	
1	U5	Altera EPM7032SLC44	UTSource
1	S1	Push button SPST	Jameco 149948
1	J1	Power Jack 2.1mm x5.5mm	Jameco 101178