

MECB 6309 CPU PLCC - BOM

Item	Qty	Source	Part Number
MECB 6309 CPU PLCC Card PCB	1	JLPCB	
DIN41612 Male R/A 364 Connector	1	AliExpress	364-RA-M
M2.5 Bolt 10mm Thread Length	2	AliExpress	
M2.5 Nut	2	AliExpress	
12mm Nylon PCB Spacer	4	AliExpress	
6mm Nylon Bolt	8	AliExpress	
ATF16V8 PLD DIP20 (U1)	1	Mouser	
SST39SF040 512KB FLASH ROM PLCC44 (U9,U10)	2	Mouser	
HD6309 CPU PLCC44 (U4)	1		
ECS-2100 Crystal Oscillator 12 or 16Mhz DIP8 (X1)	1	Mouser	ECS-2100AX-12.0MHZ
Resistor Network 4K7 SIP9 (RN1, RN2)	2	Mouser	4609X-101-472LF
Resistor Network 4K7 SIP5 (RN3)	1	Mouser	4605X-101-472LF
0.1µf Capacitor 5mm (C1,C2,C3,C4,C5,C6)	6	AliExpress	
2 pin PCB Header	2	AliExpress	
3 pin PCB Header	1	AliExpress	
2 pin Jumper Cap	2	AliExpress	
Tactile Switch 6mm (SW1)	1	AliExpress	
8-way DIP Switch DIP16 (SW2)	1	AliExpress	
Coded Rotary Switch Positive Logic 16 Position (SW3)	1		
74HCT04 Inverter DIP14 (U11)	1	Mouser	CD74HCT04E
74HCT688 DIP20 (U2)	1	Mouser	CD74HCT688E
74HCT73 Flip-Flop DIP14 (U5)	1	Mouser	CD74HCT73E
W24512K 64KB SRAM SDIP32 (U7)	1	AliExpress	
TC1232CPA DIP8 (U6)	1	Mouser	TC1232CPA
PLCC44 TH IC Socket (for U4)	1	AliExpress	
PLCC32 TH IC Socket (for U9,U10)	2	AliExpress	
SDIP32 IC Socket (or 2x DIP16) (for U7)	1	AliExpress	
DIP20 IC Socket (for U1, U2)	2	AliExpress	
DIP14 IC Socket (for U5, U11)	2	AliExpress	
DIP8 IC Socket (for U6, X1)	2	AliExpress	