CreatiVision Controller - BOM

Item	Qty	Source	Part Number
CreatiVision Controller PCB	1	JLCPCB	
12mm Nylon PCB Spacer	4	AliExpress	
6mm Nylon Bolt	8	AliExpress	
24-pin IDC Male Socket PCB RA Mount **	1	Mouser	
9-pin DB9 Male Socket PCB RA Mount	2	Mouser	
6-pin Mini-DIN Female Socket PCB RA Mount	1	Mouser	
USB-C Power Socket Module (Or module below)	1	AliExpress	
USB-C PD3.0 Smart Socket Module (Or module above)	1	AliExpress	
10-pin PCB Header	2	AliExpress	
4-pin PCB Header	3	AliExpress	
3-pin PCB Header	3	AliExpress	
2-pin PCB Header *	1	AliExpress	
1-pin PCB Header	1	AliExpress	
2-pin Jumper Cap	3	AliExpress	
1N4148 Small Signal Diode (D1 - D16) **	16	Mouser	1N4148
LSM115F Schottky Diode (D17,D18)	2	Mouser	LSM115JE3/TR13
MT8816AP Analog Switch Array PLCC44 (U1)	1	Mouser	MT8816AP
AVR32DA28 8-bit AVR MCU (U2)	1	Mouser	AVR32DA28
MAX708CPA (U3) *	1	Mouser	MAX708CPA
Resistor Network 3K3 SIP9 (RN1) **	1	Mouser	4609X-101-332LF
0.1µf Capacitor 5mm (C1 - C4)	4	Mouser	K104K15X7RF5UH5
Tactile Switch 6mm (SW1) *	1	AliExpress	
PLCC44 TH IC Socket (for U1)	1	AliExpress	
SDIP28 IC Socket (for U2)	1	AliExpress	
DIP8 IC Socket (for U3) *	1	AliExpress	
* Only required for hardware reset option			
** Only required for Direct PIA (re-creation) option			