

Source: /tmv7displaymod/tmv7displaymod.kicad\_sch  
Date: Sat 23 Sep 2023 04:43:31 PM WEST  
Tool: Eeschema 7.0.6-1.fc38  
Generator: /usr/share/kicad/plugins/bom\_csv\_grouped\_by\_value.py  
Component Count: 18

Collated Components:

Item	Qty	Reference(s)	Value	LibPart	Footprint
1	1	C1	0.33u	Device:C	Capacitor_THT:C_Disc_D7.5mm_W5.0mm_P5.00mm
2	3	C2, C3, C4	100n	Device:C	Capacitor_THT:C_Disc_D3.8mm_W2.6mm_P2.50mm
3	1	S1*	28 pin Socket IC	(Optional)	
4	1	J1	2 Pin Molex/KK (DC In)	Connector_Generic:Conn_01x02	Connector_Molex:Molex_KK-254_AE-6410-02A_1x02_P2.54mm_Vertical
5	1	J2	10 Pin Molex/KK (Display)	Connector_Generic:Conn_01x10	Connector_Molex:Molex_KK-254_AE-6410-10A_1x10_P2.54mm_Vertical
6	1	J3	5 Pin Molex/KK (Radio)	Connector_Generic:Conn_01x05	Connector_Molex:Molex_KK-254_AE-6410-05A_1x05_P2.54mm_Vertical
7	1	J4	2 Pin Molex/kk (Backlight)	Connector_Generic:Conn_01x02	Connector_Molex:Molex_KK-254_AE-6410-02A_1x02_P2.54mm_Vertical
8	1	R1	10k	Device:R	Resistor_THT:R_Axial_DIN0204_L3.6mm_D1.6mm_P5.08mm_Horizontal
9	2	RV1, RV2	10k	Device:R_Potentiometer	Potentiometer_THT:Potentiometer_Bourns_3296W_Vertical
10	1	SW1	RESET	Switch:SW_Push	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
11	1	U1	L7805	Regulator_Linear:L7805	Package_TO_SOT_THT:TO-220-3_Horizontal_TabDown
12	1	U4	ATmega8-16P	MCU_Microchip_ATmega:ATmega8-16P	Package_DIP:DIP-28_W7.62mm