

MCU2021 Bill Of Material

Item	Quantity	Reference	Part
1	11	C1,C2,C5,C6,C7,C8,C9,C10,C11,C13,C14,C16	100nF/X7R/0805
2	3	C3,C12,C15	100uF/16V/T/7434D
3	1	C17	220uF/25V
4	1	D2	RLS4148
5	1	D4,D5,D6,D7	DB207
6	2	J1,J11	XH254_3P
7	2	J3,J4	XH254_5P
8	2	J5,J6	XH254_6P
9	1	J9	XH254_2P
10	1	J7	XH254_10P
11	1	J12	CON2
12	1	PR1	10K Ω x4
13	1	Q2	DTC114EK
14	1	R1	22K Ω /0805
15	1	R2	100 Ω /0805
16	1	U3	16F685A
17	1	U4	74HC238
18	1	U5	ULN2004
19	1	U6	7805
20	1	U7	7810
21	1	U8	VS1838B
22	1	OLED_BIG1#	SMR1602-B-OLED
23	1	PCB / 50X150 mm	
24	2	TO-220 HEAT_SINK	
25	2	PULSE ROTARY ENCODE	RS1002SWAOX-VA1
26	2	PLUG+WIRE 3PIN_ S_100mm	
27	1	PLUG+WIRE 6PIN_ D_400mm	
28	1	PLUG+WIRE 10PIN_ D_400mm	
29	1	20 PIN DIP IC Socket	