

AWG_RP2040

Item	Qty	Reference(s)	Value	Type
1	12	C1, C3, C4, C6, C7, C8, C9, C12, C13, C15, C16, C17	100nF	ceramic
2	2	C2, C5	1MF	folie
3	1	C10	.33uF	Tantal
4	1	C11	1uF	Tantal
5	1	C14	3p3	ceramic
6	2	D1, D2	1N4148	
7	1	J1	10 pin	pin strip 5mm pitch
8	1	J2	2 pin	pin strip 5mm pitch
9	1	J3	4 pin	pin strip 5mm pitch
10	1	Q1	NTE2633	
11	1	Q2	NTE2634	
12	10	R1, R2, R12, R13, R14, R15, R16, R17, R18, R19, R29	2k .1%	¼ Watt
13	1	R3	20k	¼ Watt
14	2	R4, R5	680R	¼ Watt
15	1	R6	27R	¼ Watt
16	12	R7, R8, R30, R31, R32, R33, R36, R37, R38, R39, R40, R41	1k	¼ Watt
17	2	R9, R10	3R3	½ Watt
18	1	R11	47R	½ Watt
19	9	R20, R21, R22, R23, R24, R25, R26, R27, R28	1k .1%	¼ Watt
20	1	RV1	100R	Trim pot
21	1	SW1	ALPS STEC11B09	Rotary encoder
22	1	SW2	wentronic c312	Toggle switch
23	1	SW3	wentronic c312	Toggle switch
24	1	SW4	Myama MS243	Mini push button
25	1	SW5	Myama MS243	Mini push button
26	1	SW6	Myama MS244	optional
27	1	U1	PICO_RP2040	
28	1	U2	AD8055AN	DIL8
29	1	U3	L79L05	TO92
30	1	U4	L78L05	TO93
31	2	Heat sink for Q1 and Q2 <25K/W	ATS-PCB1019	or similar
32	1	2.8inch SPI TFT LCD Module ILI9341	KMRTM28028-SPI	Or MSP2807

