

Bill of materials WIO_LocoNet_01_v3

Qty	Reference	Value
		resistors
1	R1	100 KOhm 0.125 Watt
1	R2	33 Ohm 1% 0.125W
1	R3	1 KOhm 0.125W
1	R4	270 Ohm 0.125 Watt
1	R5	4.7 KOhm 0.125W
1	R6	2.2 KOhm 0.125 Watt
1	R7	82 Ohm 1% 0.125W
1	R8	2.2 KOhm 0.125 Watt
1	R9	270 Ohm 0.125 Watt
1	R10	270 Ohm 0.125 Watt
1	R11	270 Ohm 0.125 Watt
1	R12	270 Ohm 0.125 Watt
1	R13	1 KOhm 0.125W
1	R14	47 KOhm 0.125W
1	R15	10 KOhm 0.125W
1	R16	150 KOhm 0.125W
1	R17	22 KOhm 0.125W
1	R18	220 KOhm 0.125W
1	R19	2,2 KOhm 0.125W
1	R20	10 KOhm 0.125W
2	RN1,RN2	R-Network 8 x 22K SIL9
1	C1	Elco 220 uF minimum 16V radial
1	C2	Elco 22uF minimum 16V radial
1	C3	Elco 100 uF minimum 16V radial
1	C4	capacitor 100 nF 2.5mm pitch
1	D2, D7	Diode BAT85
5	D1, D3..D6	Diode 1N5818
1	D8	WS2812b
1	D9	Led 3mm
1	T1	BC337/40
1	T2	BC557b
1	CC1	LM317LZ_T092
1	VR1	R-78E5.0-1.0
1	U1	RASPBERRY_PI_PICO_W (not in package)
1	U2	LM311 with socket
1	F1	Multifuse PFRA 185
1	GCA1	D-SUB 9 male
1	GCA2	D-SUB 9 female
4		standoff m3x10 with fastener
2	LN1,LN2	RJ12 socket
1	PWR1	KF2EDG15-3.81x2
1	NP1	Multicomp PSS 254/3G
2	I/O1, I/O2	Multicomp PSS 254/10G
1	I2C1	Multicomp PSS 254/4G

27

PSS pins

4 Ser1...Ser4

3 pin header 2.54 mm

2 JP1, JP2

2 pin header with jumper