

Ref

Value

GCA1001 LocoNet interface

R1	100 KOhm 0.125 Watt	
R2	33 Ohm 1% 0.125W	
R3	1 KOhm 0.125W	
R4	270 Ohm 0.125 Watt	
R5	4.7 KOhm 0.125W	
R6	2.2 KOhm 0.125 Watt	
R7	82 Ohm 1% 0.125W	
R8	2.2 KOhm 0.125 Watt	
R9	270 Ohm 0.125 Watt	
R10	270 Ohm 0.125 Watt	
R11	270 Ohm 0.125 Watt	
R12	270 Ohm 0.125 Watt	
R13	1 KOhm 0.125W	
R14	47 KOhm 0.125W	
R15	10 KOhm 0.125W	
R16	150 KOhm 0.125W	
R17	22 KOhm 0.125W	
R18	220 KOhm 0.125W	
R19	2.2 KOhm 0.125W	
R20	2.2 KOhm 0.125W	
RN1	R-Network 8 x 22K	
RN2	R-Network 8 x 22K	
C1	Elco 220 uF 16V radial	
C2	Elco 22uF 16V radial	
C3	Elco 100 uF 16V radial	
C4	capacitor 100 nF 2.5mm pitch	
C5	capacitor 100 nF 2.5mm pitch	
CC1	LM317LZ_TO92	
D1	1N5818	
D2	BAT85	
D3	1N5818	
D4	1N5818	
D5	1N5818	
D6	1N5818	
D7	BAT85	
D8	WS2812B	
D9	Led 3mm green	
F1	Multifuse 2500	
GCA1	D-SUB 9 male	
GCA2	D-SUB 9 female	
I/O1	PSS 254/10G	

I/O2	PSS 254/10G
I2C1	PSS 254/4G
NP1	PSS 254/3G
JP1	2 pin header with jumper
JP2	solder wire* read website
LN1	RJ12 socket
LN2	RJ12 socket
	4 x Standoff M3 * 8 with fastener
PWR1	KF2EDG15-3.81x2
Ser1	3-Pin male header
Ser2	3-Pin male header
Ser3	3-Pin male header
Ser4	3-Pin male header
T1	BC337
T2	BC557
U1	RASPBERRY_PI_PICO_(not in kit)
U2	LM311 with 8 pin socket
VR1	R-78C5.0-1.0