

Giling Computer Applications
WIOPicoW-01

Bill of materials
Update March 15, 2023

Ref	Value
R1	Resistor 270 Ohm 0.125 Watt
R2	Resistor 270 Ohm 0.125 Watt
R3	Resistor 270 Ohm 0.125 Watt
R4	Resistor 270 Ohm 0.125 Watt
R5	Resistor 2.2 KOhm 0.125 Watt
R6	Resistor 2.2 KOhm 0.125 Watt
R7	Resistor 100 KOhm 1% 0.125W
R8	Resistor 33 Kohm 1% 0.125W
R9	Resistor 10 KOhm 0.125 Watt
R10	Resistor 100 KOhm 0.125 Watt
RN1	R-Network 8 x 22K SIL9
RN2	R-Network 8 x 22K SIL9
C1	Elco 220 uF minimum 25V radial
C2	Elco 100 uF minimum 16V radial
C3	Elco 22 uF minimum 16V radial
C4	capacitor 100 nF 2.5mm pitch
D1	1N5818
D2	1N5818
D3	1N5818
Ser1	3-pin 2.54mm header male
Ser2	3-pin 2.54mm header male
Ser3	3-pin 2.54mm header male
Ser4	3-pin 2.54mm header male
Hall1	Multicomp PSS 254/3G
I2C1	Multicomp PSS 254/4G
I/O1	Multicomp PSS 254/10G
I/O2	Multicomp PSS 254/10G
NP1	Multicomp PSS 254/3G
TRX1	Multicomp PSS 254/4G
JP1	3 pin header with jumper
U1	R-78E5.0-1.0
U2	RASPBerry_PI_PICO_W
F1	Multifuse 0,75 Amp
BAT1	Screw terminal 2 pins 3,81 mm pitch
	PCB standoff M3 with fastener
	PCB standoff M3 with fastener
	PCB standoff M3 with fastener
	PCB standoff M3 with fastener