

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		Not used.
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	