

Sheet1

WIO central station / booster
WIOBoost
Bill Of Materials

Revised: jan 25, 2022
Revision: 2

Qty	Ref	Part	
1	R1	10 Kohm 1/8 Watt	
1	R2	3.3 Kohm 1/8 Watt	
1	R3	3.3 Kohm 1/8 Watt	
1	R5	270 Ohm 1/8 Watt	
1	R6	10 Kohm 1/8 Watt	
1	R7	1 Kohm 1/8 Watt	
1	R8	4.7 Kohm 1/8 Watt	
1	R9	0,47 Ohm 5 Watt	In package
1	R10	100 Ohm 2 Watt	In package
1	R11	3.3 Kohm 1/8 Watt	
1	R12	220 Ohm 1/8 Watt	
1	R15	3.3 Kohm 1/8 Watt	
1	R16	2.2 Kohm 1/8 Watt	
1	R17	2.2 Kohm 1/8 Watt	
1	F1	Multifuse 2,5 A	
1	D1	DIODE 1N5822	
1	U1	L6203	
1	VR1	LM7805	
1	VR2	LM2576T-15	
1	L1	INDUCTOR FED 100	
2	C1,C2	Elco 4.700/35 radial	
1	C3	ELCO 100 uF 35V radial	
1	C4	ELCO 1000 uF 25V	
2	C6,C10	ELCO 10 uF 35V radial	
2	C7,C8	Capacitor 15 nF	
1	C11	capacitor 100nF 0.3" pitch	
1	C12	capacitor 220 nF	
2	IIC1,SER1	PSS 254-4G +PSK + pins	
1	U2	Lolin D1 mini	
1	IBB1	PSS 254-3G + PSK + pins	
1	GR1	GBU1010	
1	JP1	3 pin header with jumper	
1	Le1	LED 3mm green	
1	Le2	LED 3mm red	
1	J1	4 screw-terminal	
1	CL1	VPR Cooling with 4 clips	
1	SW1	SW DIP-2	
4 pcb support M4			
4 fasteners M4			
2 M3 fasteners for cooling			