

## Blad1

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Revision : Peter Giling

WIO\_Prog2

Bill Of Materials

Qty	Reference	Part
2	R1,R8	1 KOhm 1/8 Watt
2	R2,R3	270 Ohm 1/8 Watt
4	R4,R11,R13,R17	2,2 KOhm 1/8 Watt
1	R5	120 Ohm 1/8 Watt
2	R6,R7	220 Ohm 1/8 Watt
1	R9,R12	10 Kohm 1/8 Watt
2	R10,R15	0.47 Ohm 5 Watt
1	R14	4,7 Ohm 2 Watt
1	R16	4,7 Kohm 1/8 Watt
2	C1,C2	Elco 1000 uF 25V radial
1	C3	ELCO 10uF 16V radial
3	C4,C5,C6	Capacitor 100 nF 2,5 mm pitch
4	C7..10	Capacitor 220 nF
2	C11,C12	Capacitor 15 nF
2	D1,D2	DIODE 1N5822
2	D3,D6	Diode 1N4003 or 1N5818
2	D4,D5	DIODE BAT85
2	Le1,Le4	LED 3mm green
1	Le2	LED 3mm yellow
1	Le3	LED 3mm blue
1	U1	LOLIN D32
1	VR1	R78E 5.0
1	IC1	MCP2561
1	IC2	P82B715
1	IC3	PIC12F1840
2	IC4,IC5	L6203
3	socket	DIL-08
1	PWR1	AKL 012
1	CAN1	AKL 086-04
1	J1	AKL 230-04
2	F1,F2	Multifuse PFRA250
2	JP1,JP2,JP3	3 pin header with jumper
1	JP4	2 pin header with jumper
1	I2C2	RJ12 socket
1	K1	Relay FINDER 36.11.5.005.4011
2	IIC1,SER1	PSS 254-4G + PSK 254-4G
1	IBB1	PSS 254-3G + PSK 254-3G
1	T1	BC517
1	CL1	Cooling with 2 clips
2	fasteners	M3 x 6
4	support	M4 x 10
4	fasteners	M4 x 6
11		PSK Pins
1	pcboard	WIO_Prog2