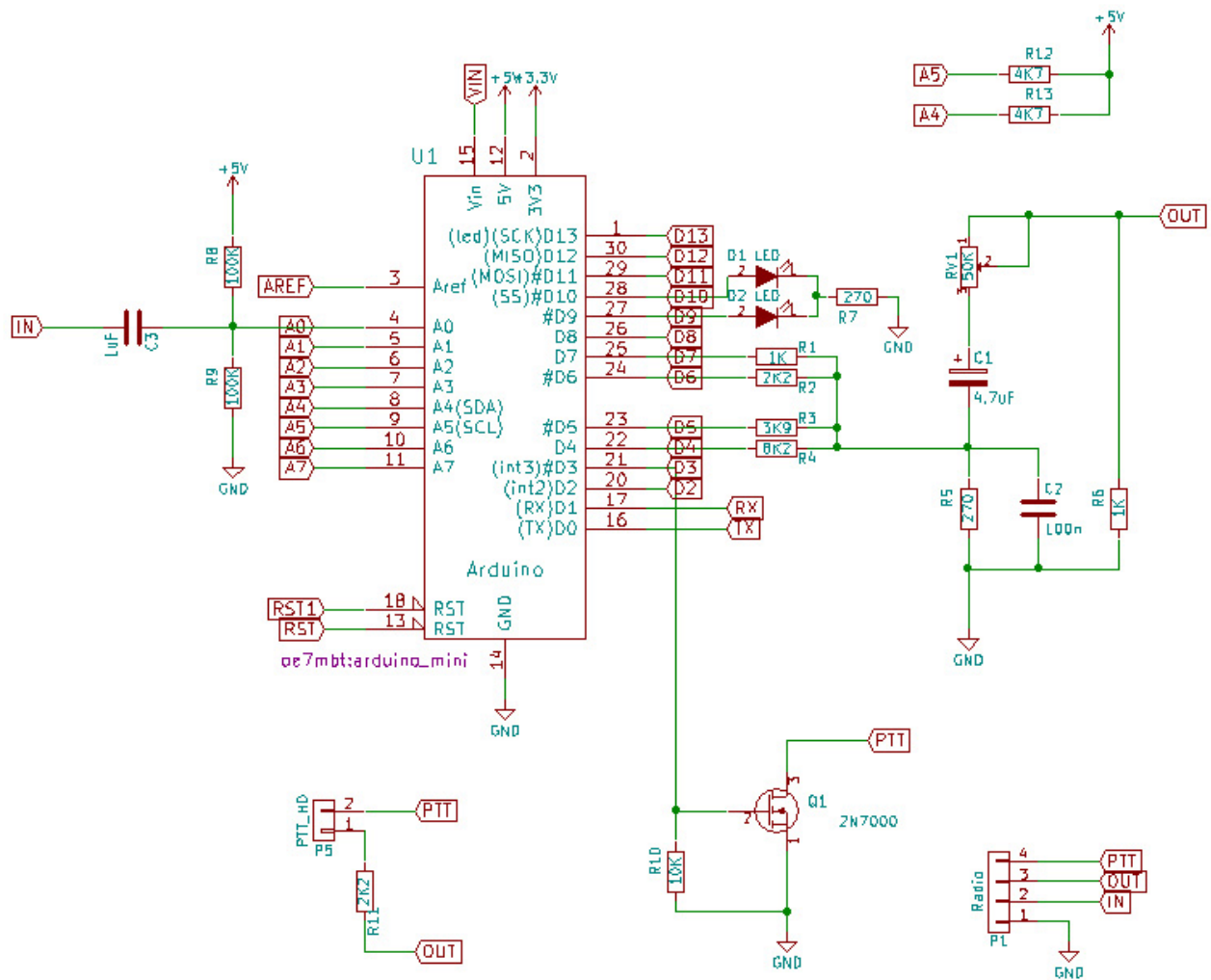


Baumapfe APRS-Modem

Marco, OE7MBT

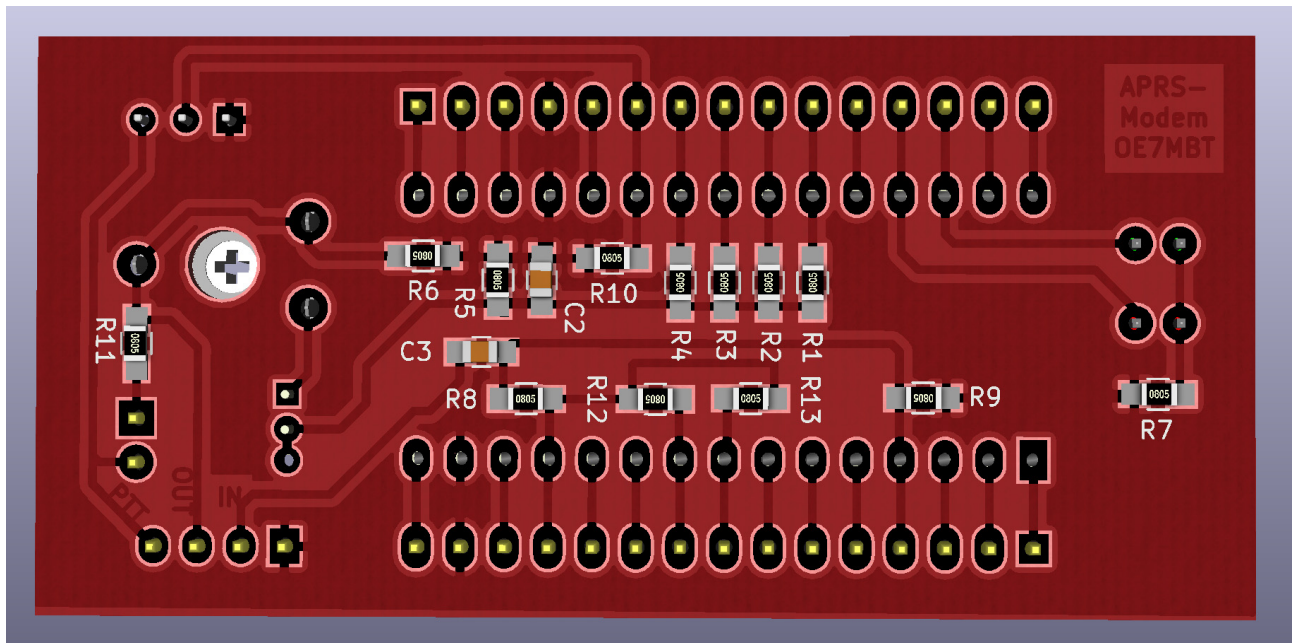
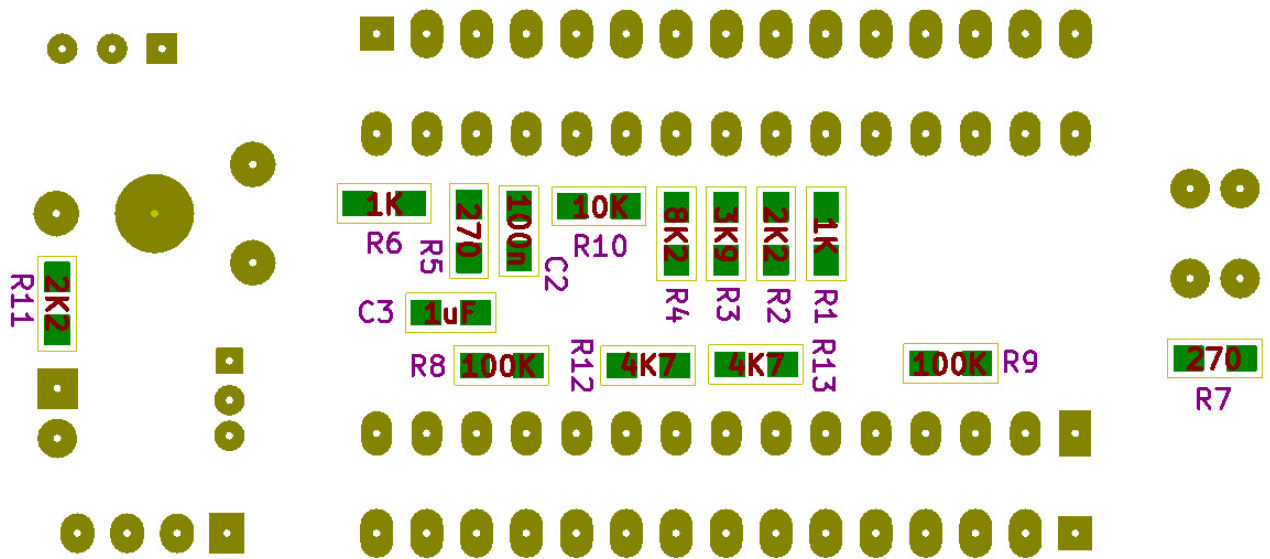
Schaltplan



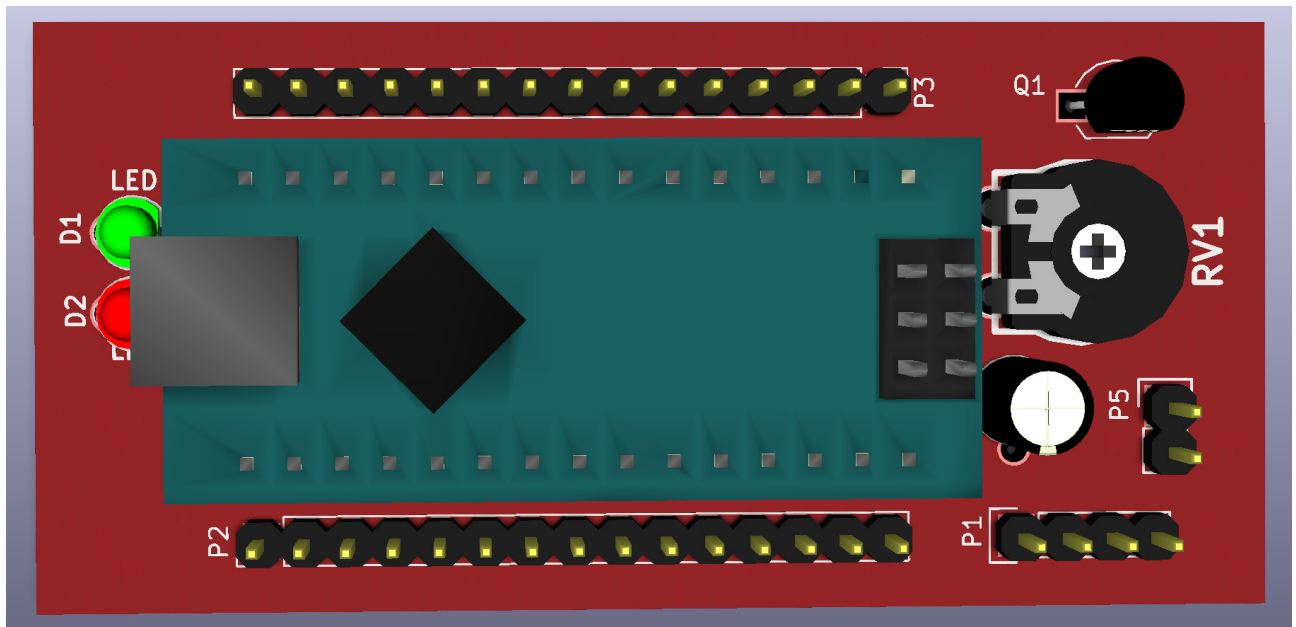
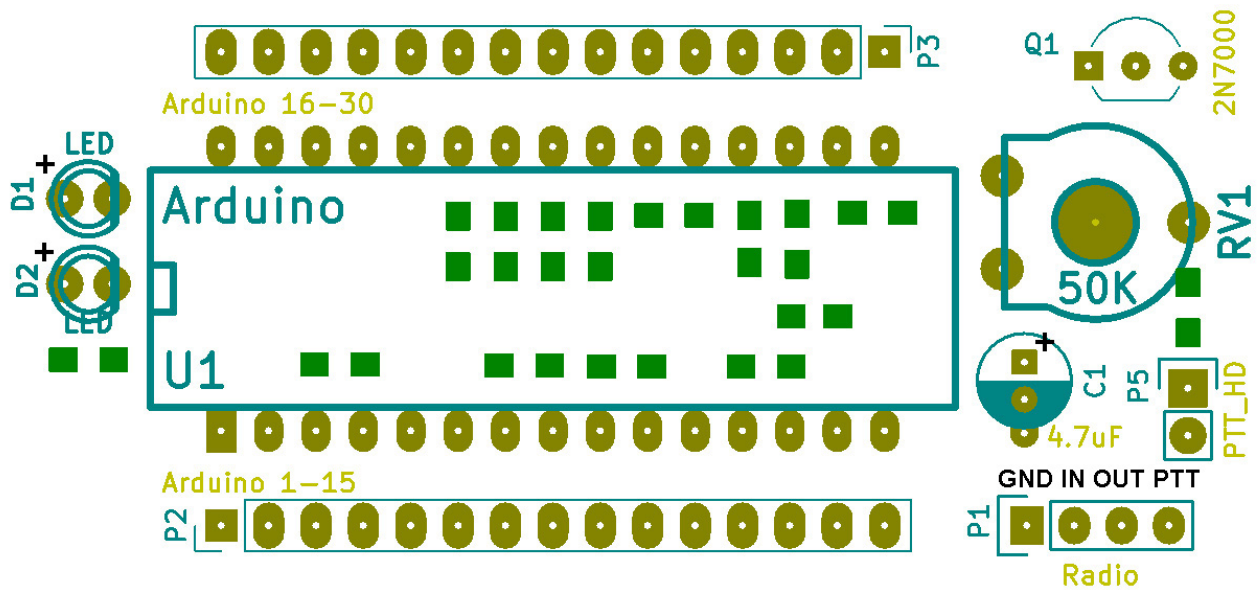
Stückliste

Anzahl	Bezeichner	Wert	Bauteil	Anmerkung
2	R1,R6	1K	SMD 0805	
2	R2,R11	2K2	SMD 0805	
1	R3	3K9	SMD 0805	
1	R4	8K2	SMD 0805	
2	R5,R7	270	SMD 0805	
2	R8,R9	100K	SMD 0805	
1	R10	10K	SMD 0805	
2	R12,R13	4K7	SMD 0805	Optional für I2C
1	C1	4.7uF	Elko	Rastermaß 2 oder 5mm
1	C2	100nF	SMD 0805	
1	C3	1uF	SMD 0805	
1	Q1	2N7000	TO-92	
1	D1	LED	LED 3mm Grün	
1	D2	LED	LED 3mm Rot	
1	RV1	50K	Trimmer Piher PT10	
1	P1	Radio	Pinleiste 1x4	
1	P2	Arduino 1-15	Pinleiste 1x15	
1	P3	Arduino 16-30	Pinleiste 1x15	
1	P5	PTT_HD	Pinleiste 1x2	
1	U1	Arduino	Arduino Nano	

Bestückung SMD-Bauteile



Bestückung bedrahtete Bauteile



Software

<http://unsigned.io/projects/microaprs/>