

Stückliste

C1-C3	0.1µF ker.	0805-1206
C2-C5	0.1µF ker.	0805-1206
C4	220µ/6,3V	SMD
D1	IR-Sensor	PT17-21C/L41/TR8 0805 940nm Everlight
alternativ		
D1	IR-Sensor	PT19-21B/L41/TR8 0603 940nm Everlight
D2	IR-Tx-Led	IR17-21C/TR8 0805 940nm Everlight
IC1	LDO AMS1117/3.3	SOT223
JP1	PINH-D-1X2 1X02	
JP2	Place Holder only	
Q1	BC858 o.ä. PNP Transistor	SOT23
Q2	BC848 o.ä. NPN Transistor	SOT23
R1	330Ohm	R0805W
R3	180Ohm	R0805W
R4	10k	R0805W
R8	10k	R0805W
R9	1K	R0805W
R10	330Ohm	R0805W
R11	330Ohm	R0805W
RXD red	LEDSML0805	
TXD green	LEDSML0805	
U\$2	ESP12f	AI-Thinker
USB	Micro-USB jack 5-pol	