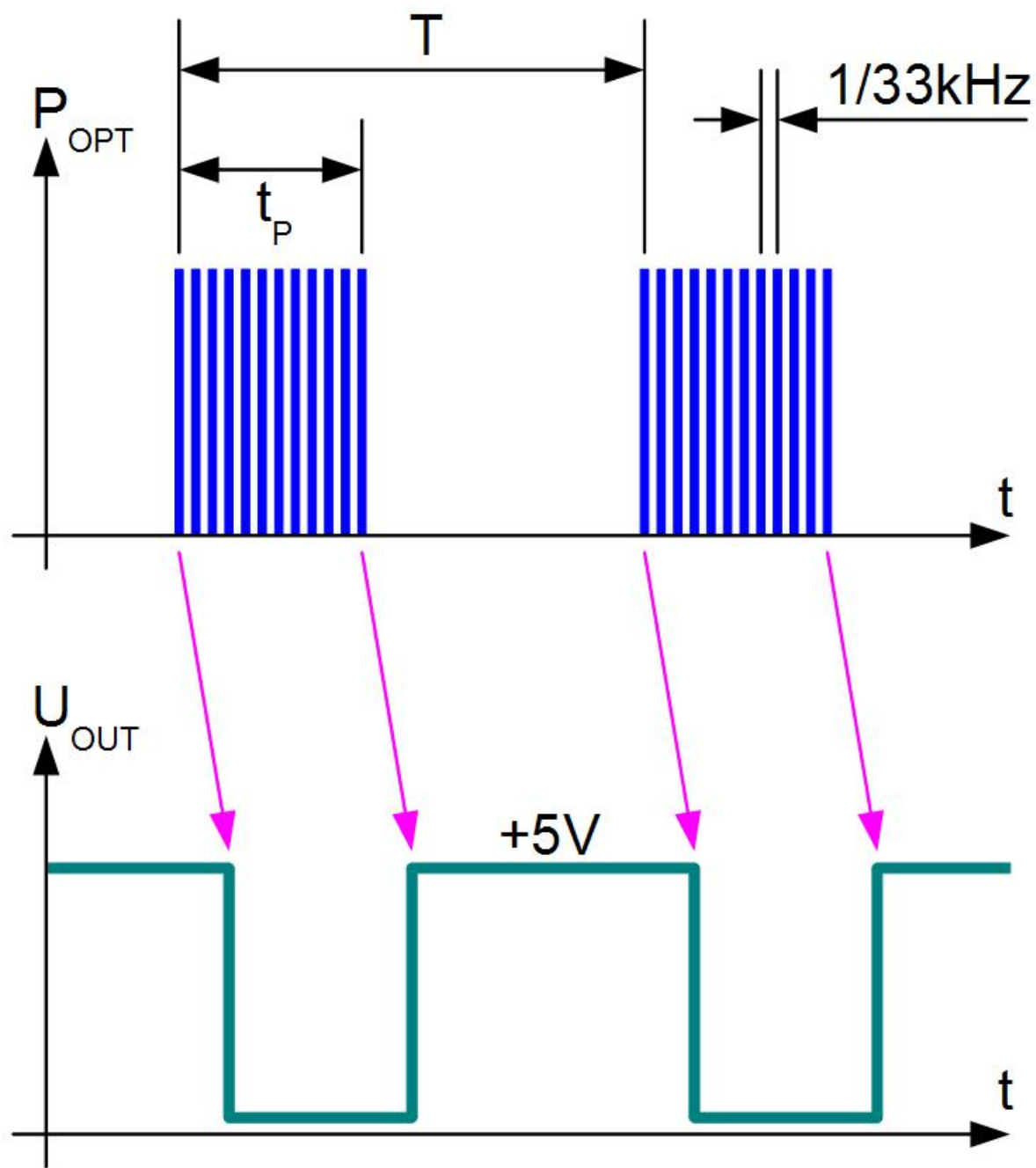


$$t_p \geq 400\mu s$$

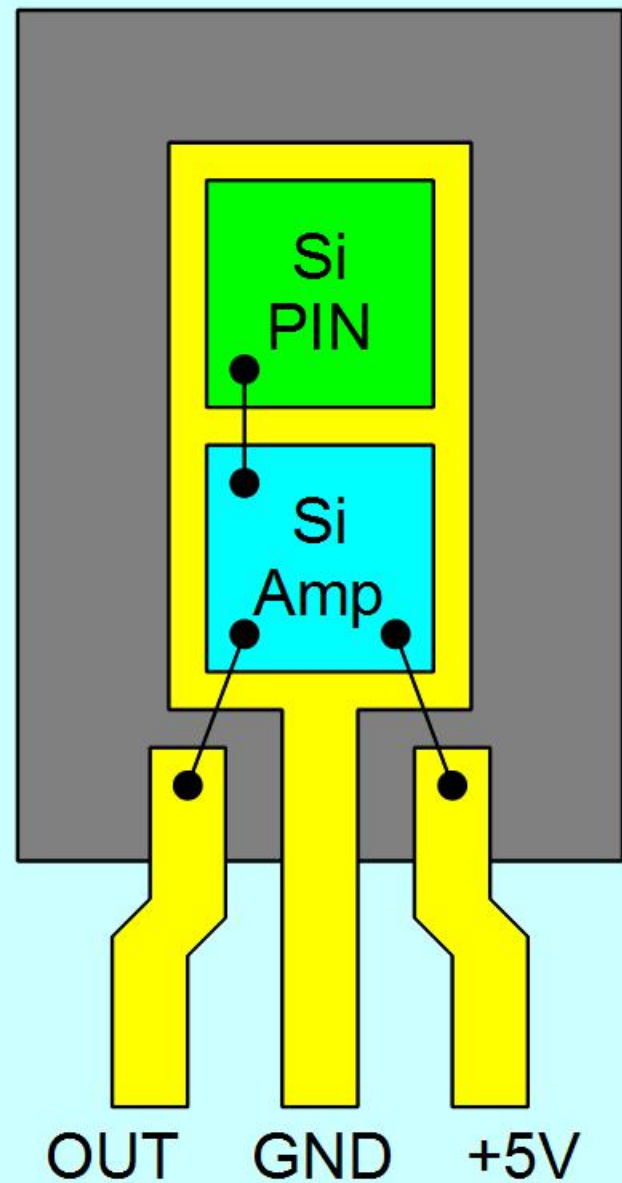
$$t_p/T \leq 0.4$$



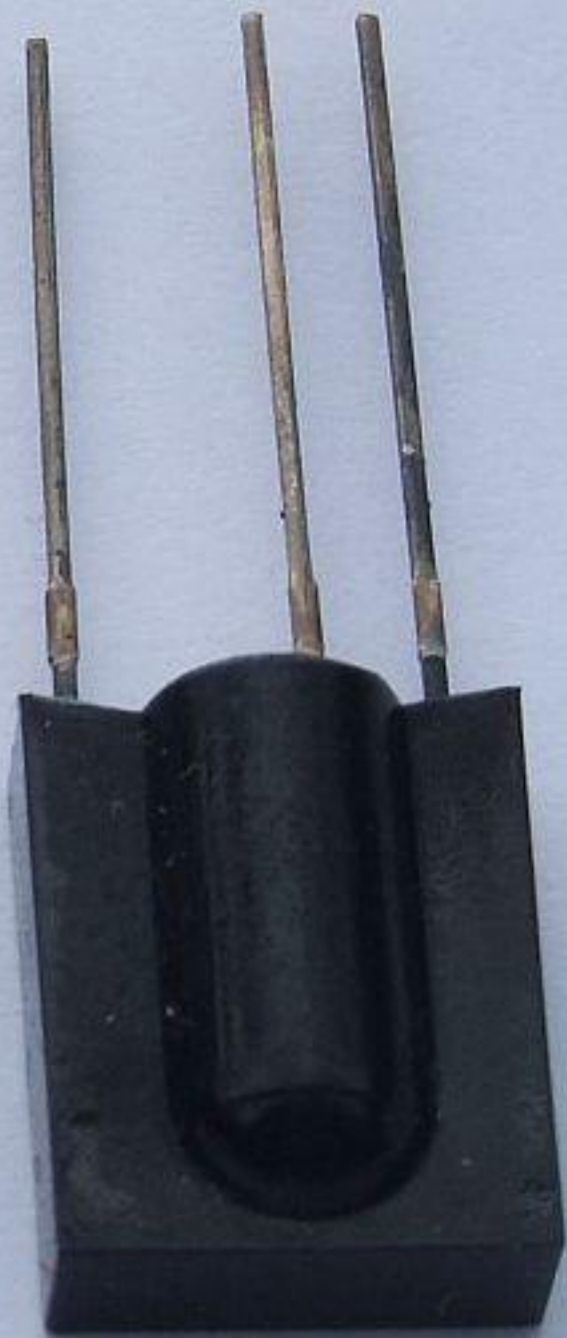
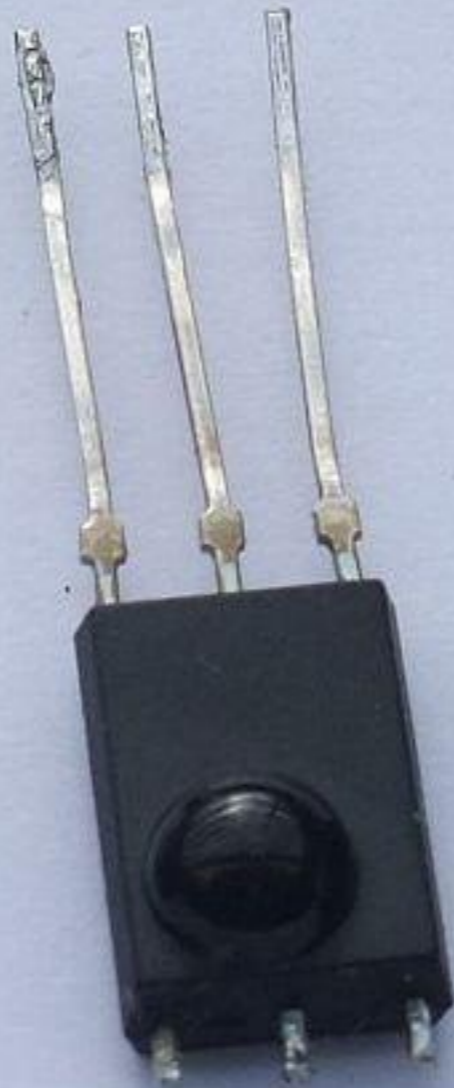
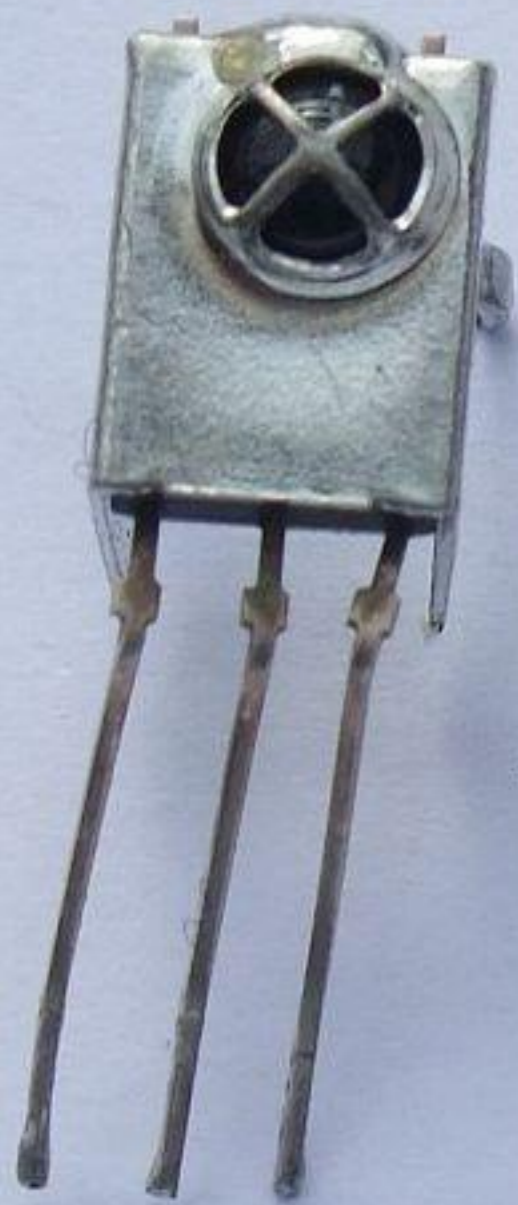
Sprejemnik IR daljinca

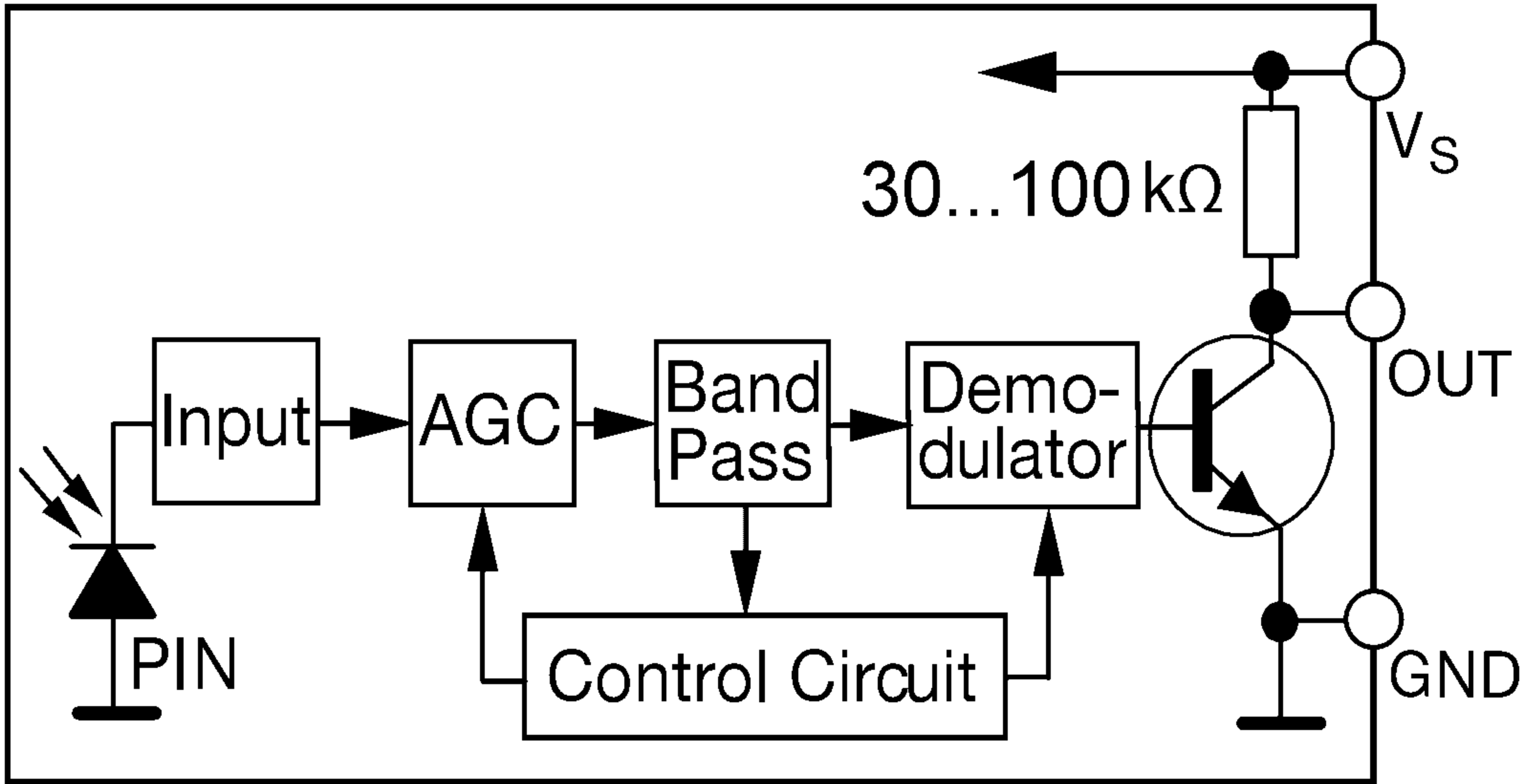
$$A_d \approx 1\text{mm}^2 \quad C_d \approx 30\text{pF}$$

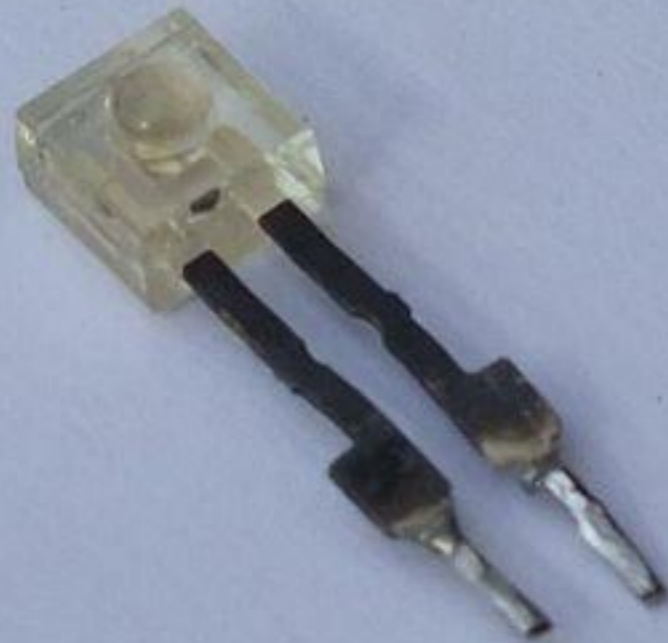
$$S_{MIN} \approx 0.3\text{mW/m}^2 \quad @1\text{kbit/s}$$

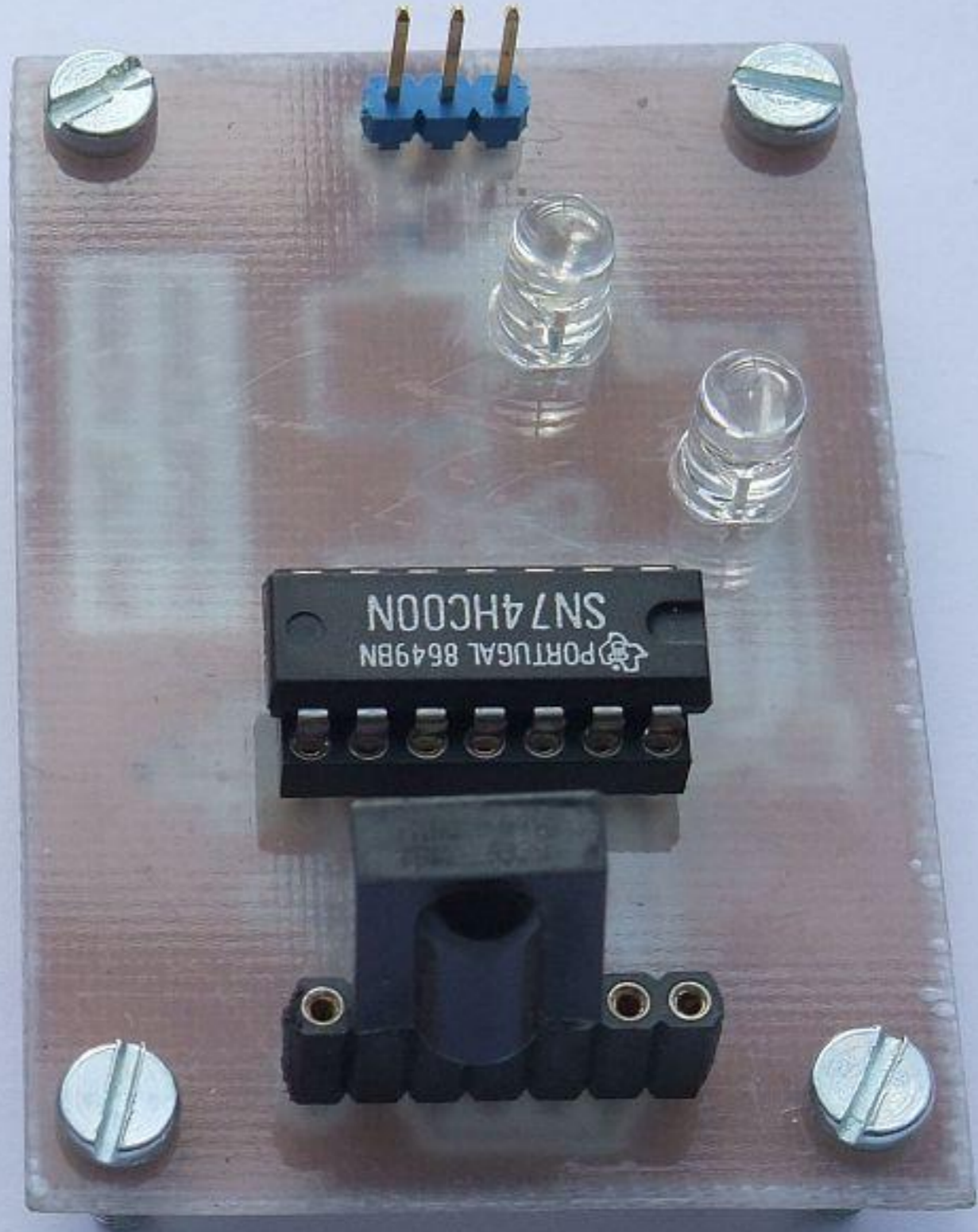
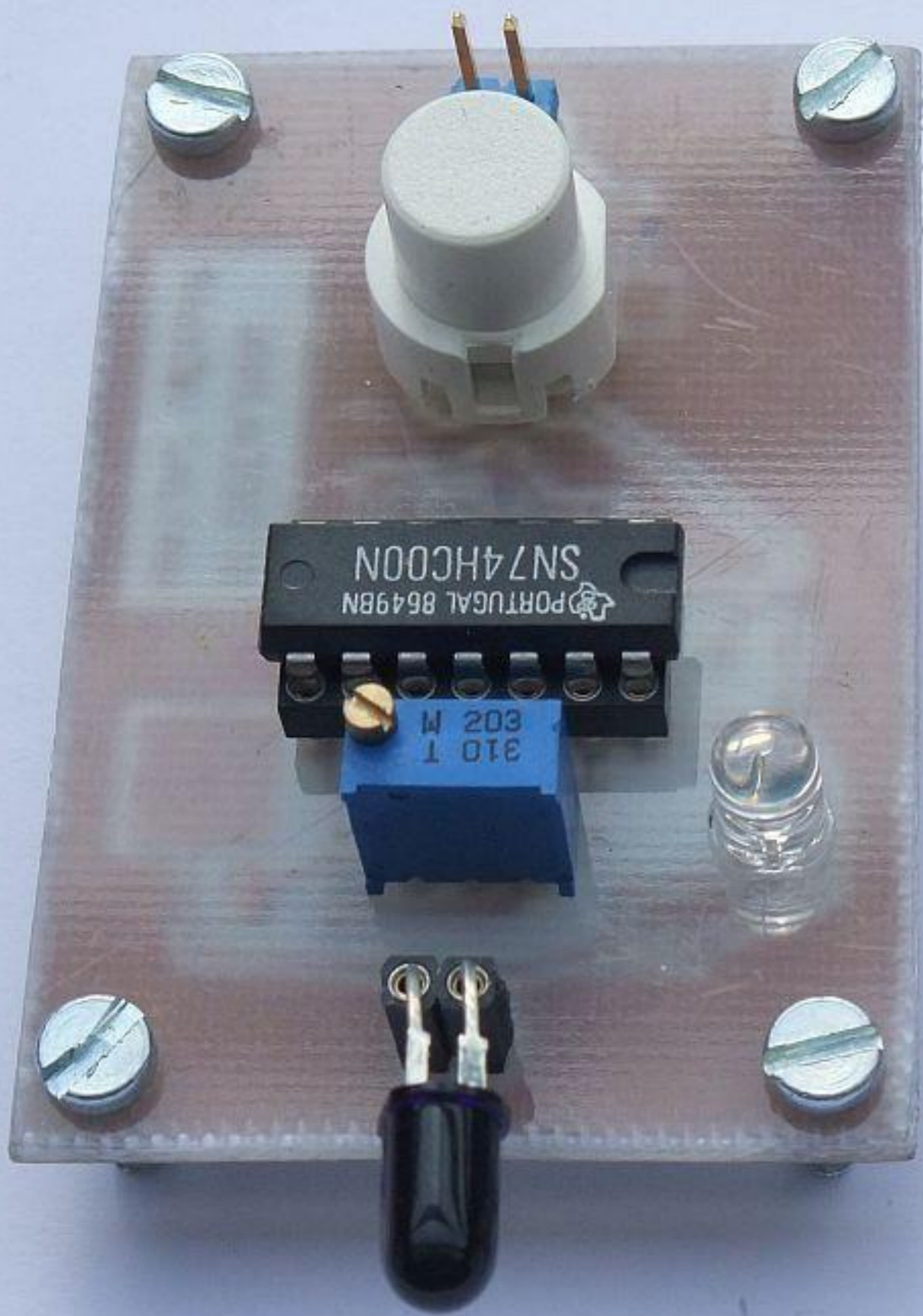


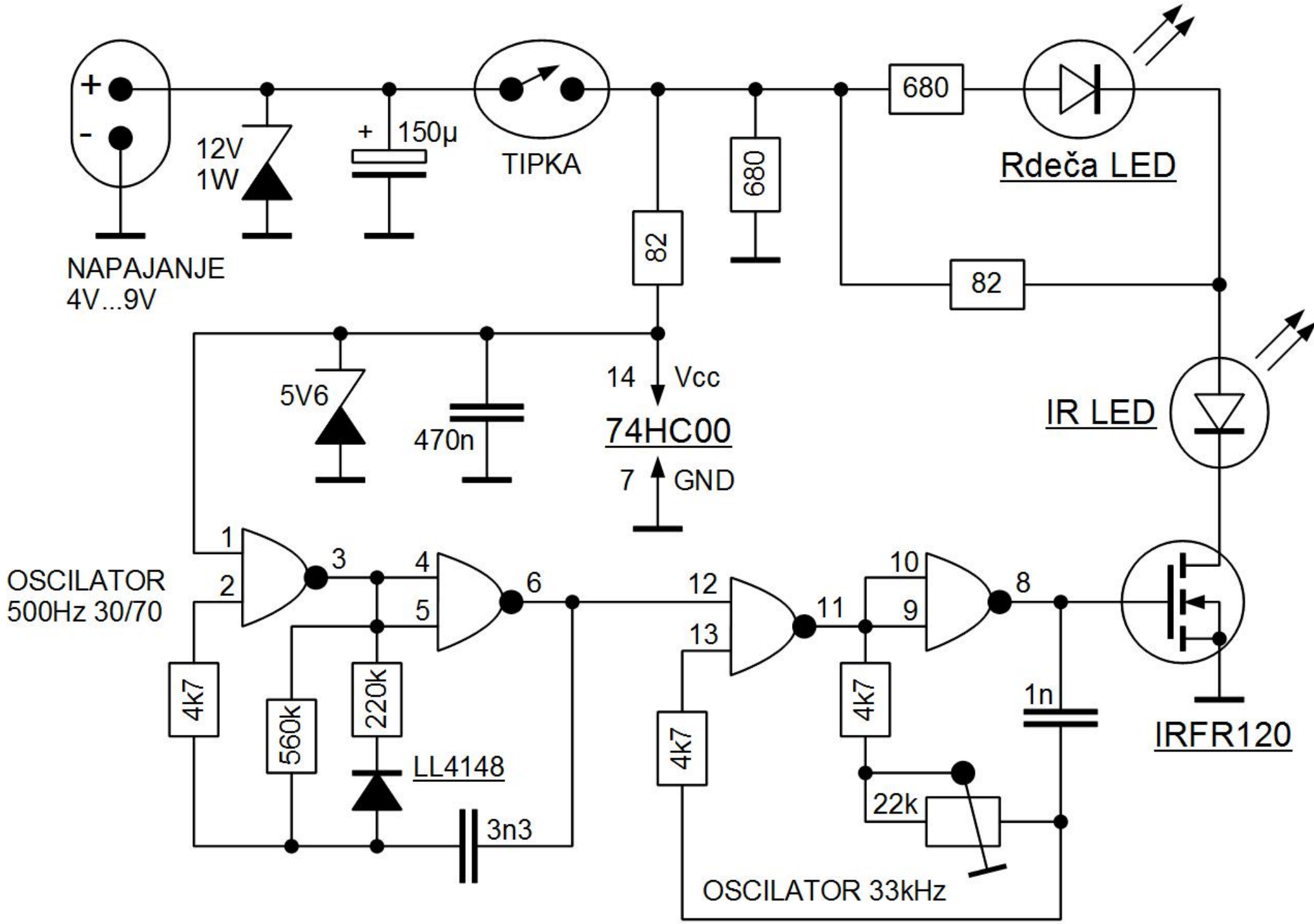
Temna smola \equiv sito $\lambda \approx 950\text{nm}$











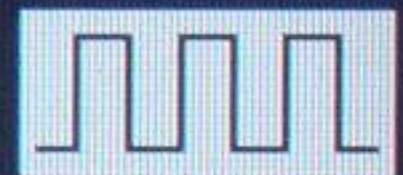
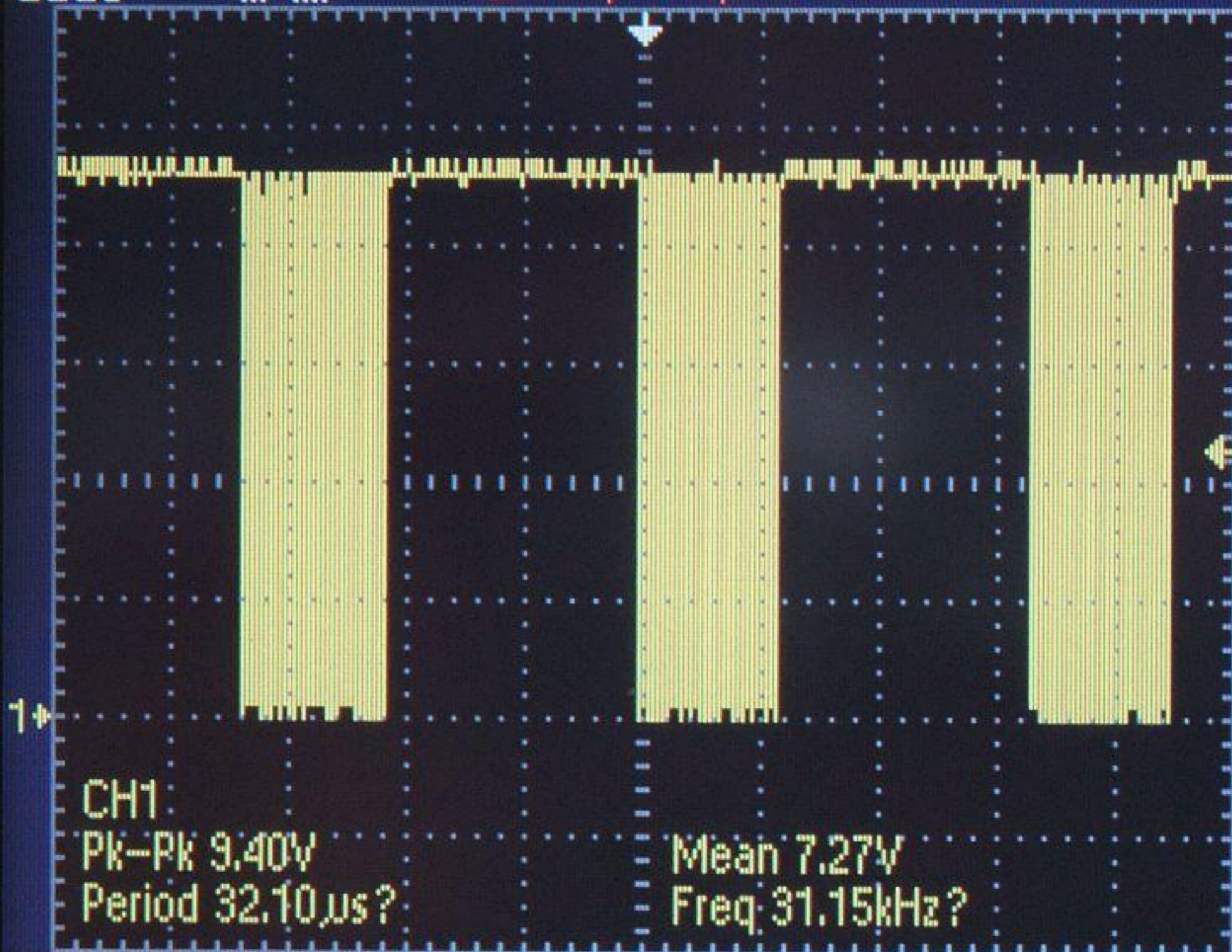
INFRARDEČI ODDAJNIK

Tek



Acq Complete M Pos: 0.000s

AUTOSET



Undo
Autoset

CH1
Pk-Pk 9.40V
Period 32.10 μ s?

Mean 7.27V
Freq: 31.15kHz?

CH1 2.00V

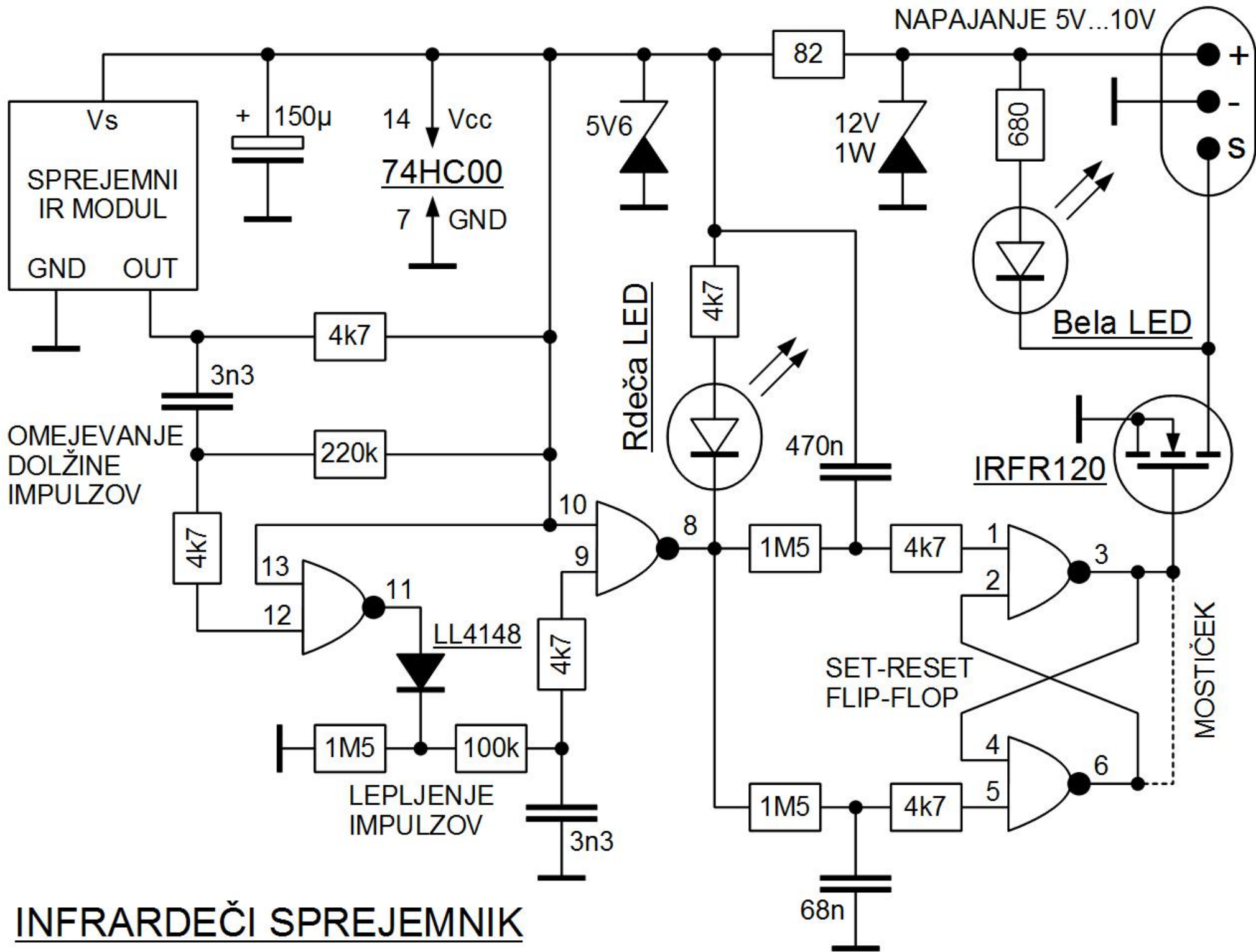
M 500 μ s

CH1 \int 4.56V
<10Hz

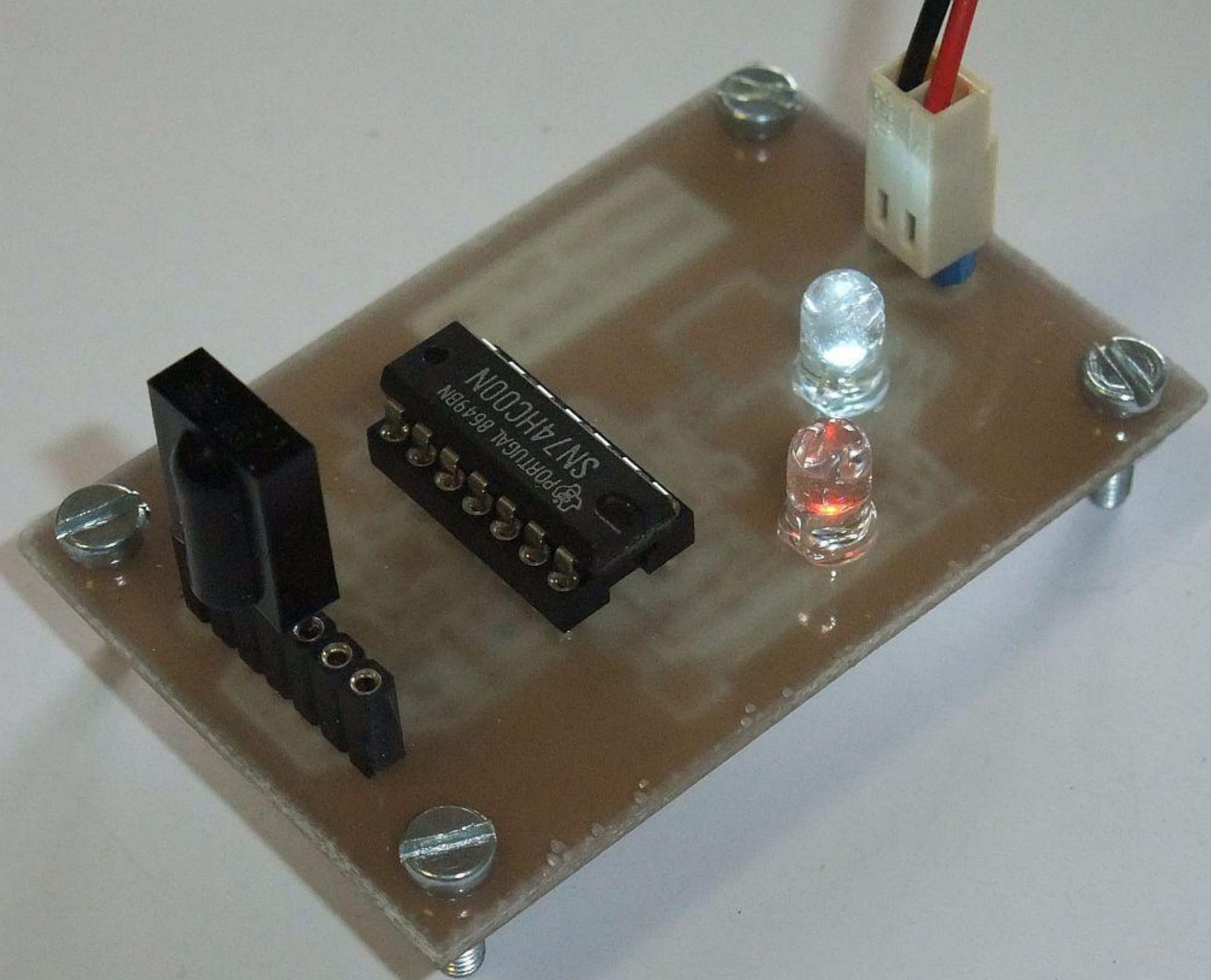


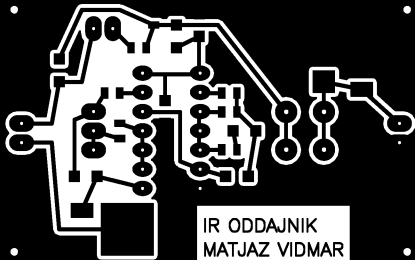
PORTUGAL 8649BN
SN74HC00N

310 T
602 M

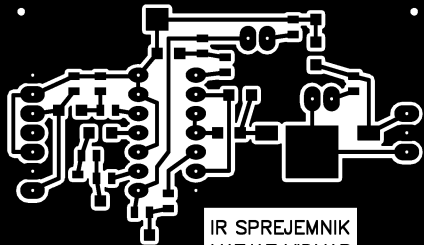


INFRARDEČI SPREJEMNIK





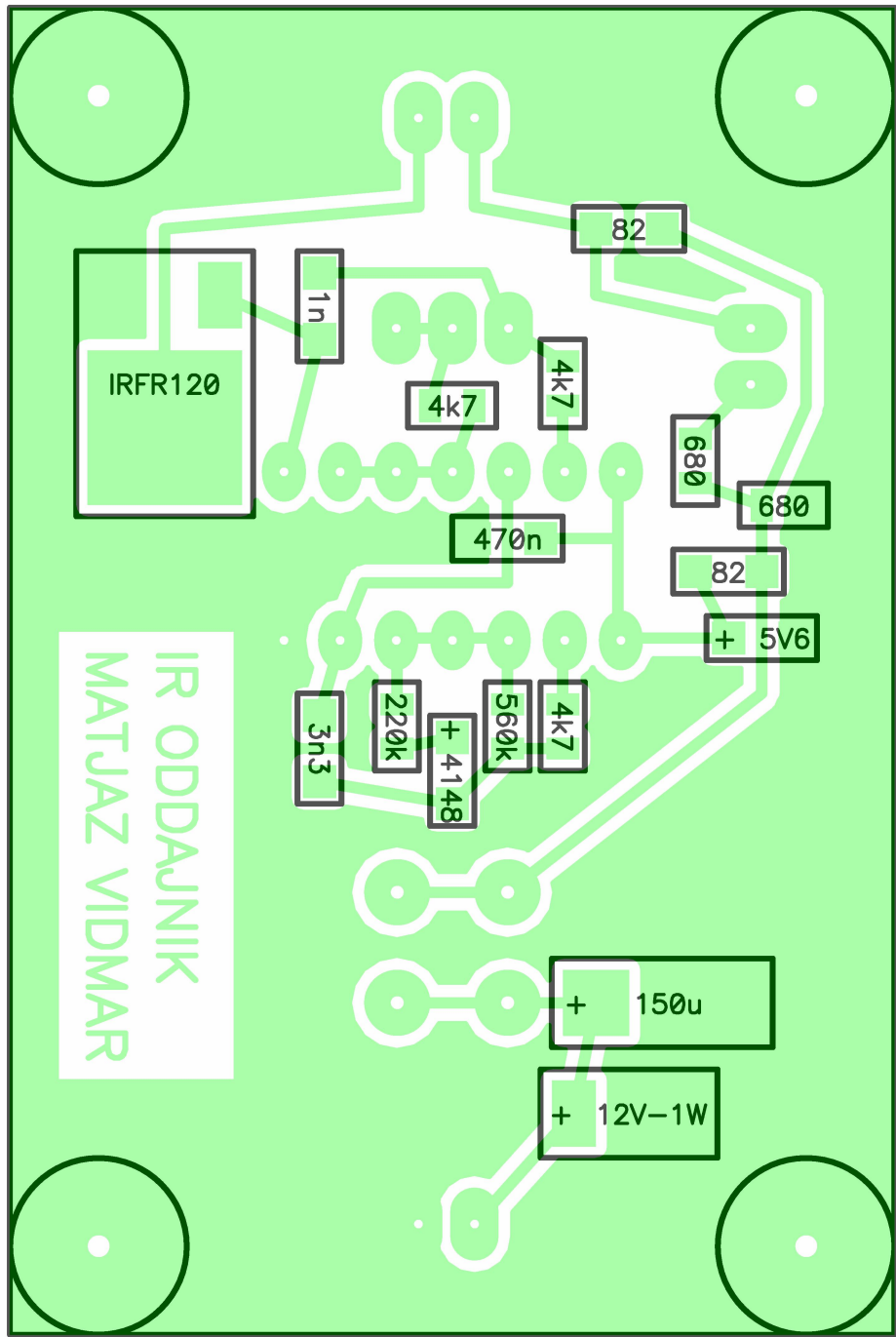
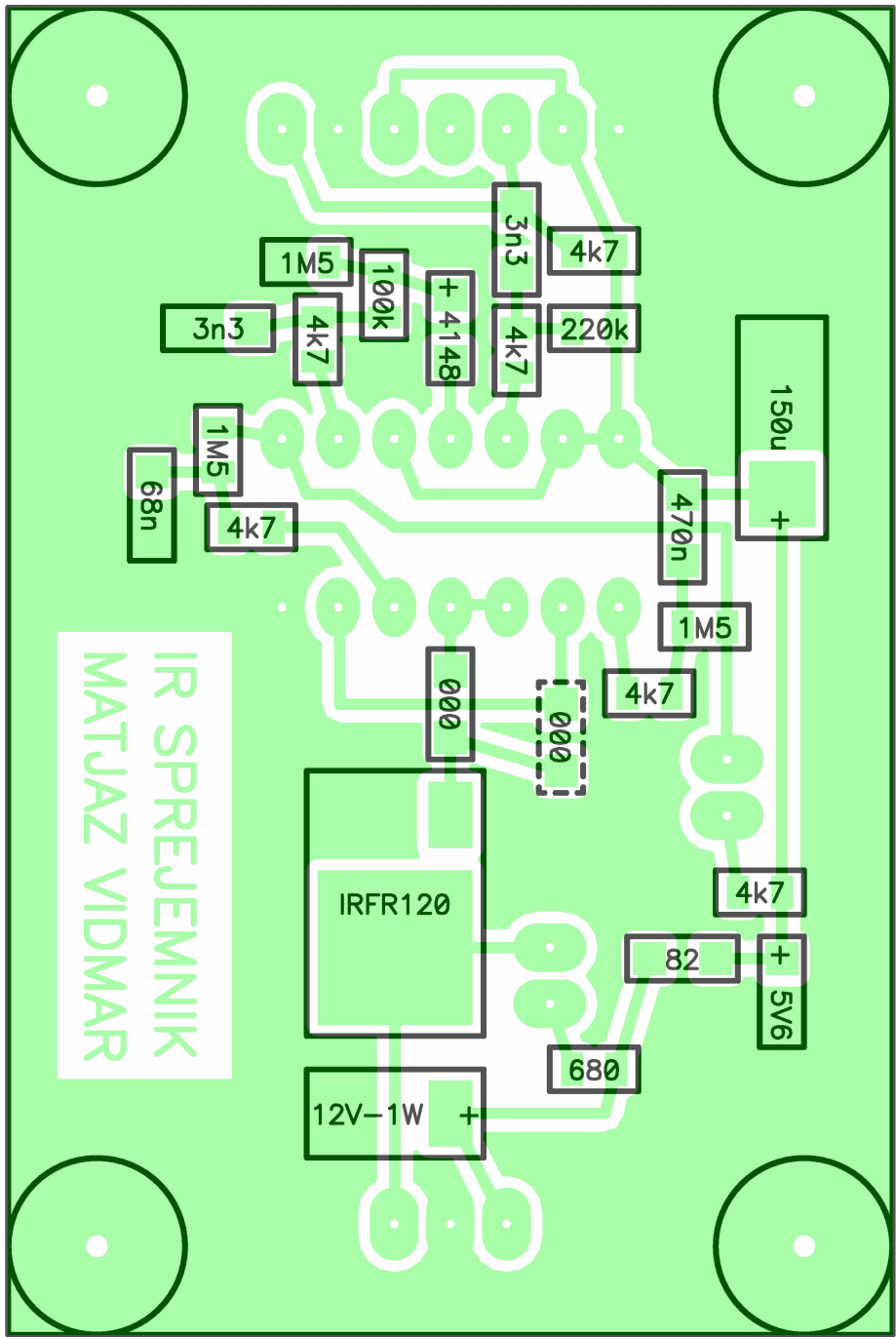
IR ODDAJNIK
MATJAZ VIDMAR



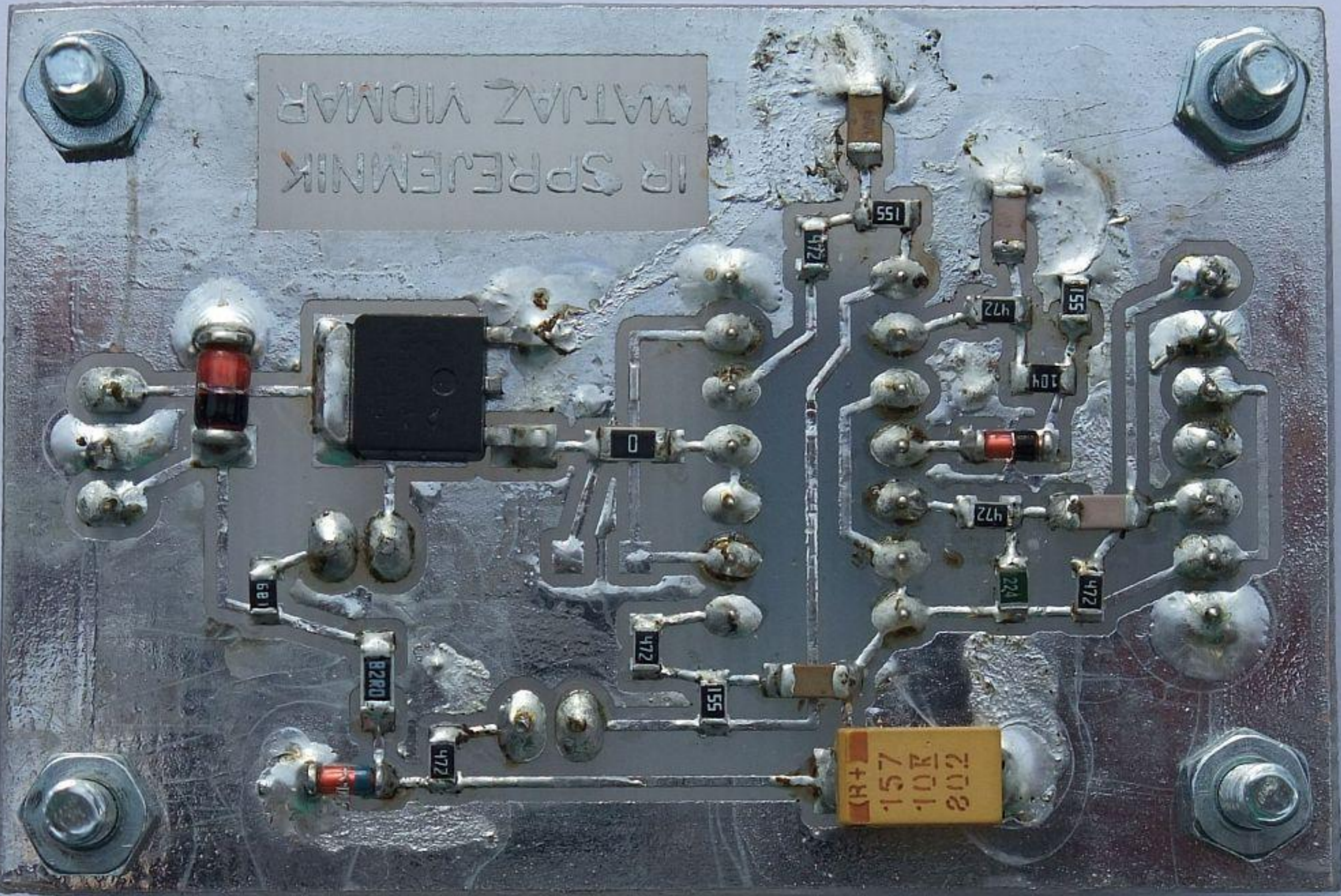
IR SPREJEMNIK
MATJAZ VIDMAR



IR ODDAJNIK
MATJAZ VODMAR



IR SPREJEMNIK
MATJAZ VIDMAR



802
10R
157
(R+)

82R0

472

155

472

224

472

472

104

472

155

155

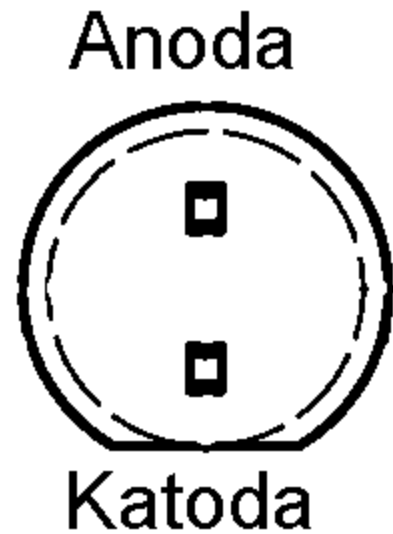
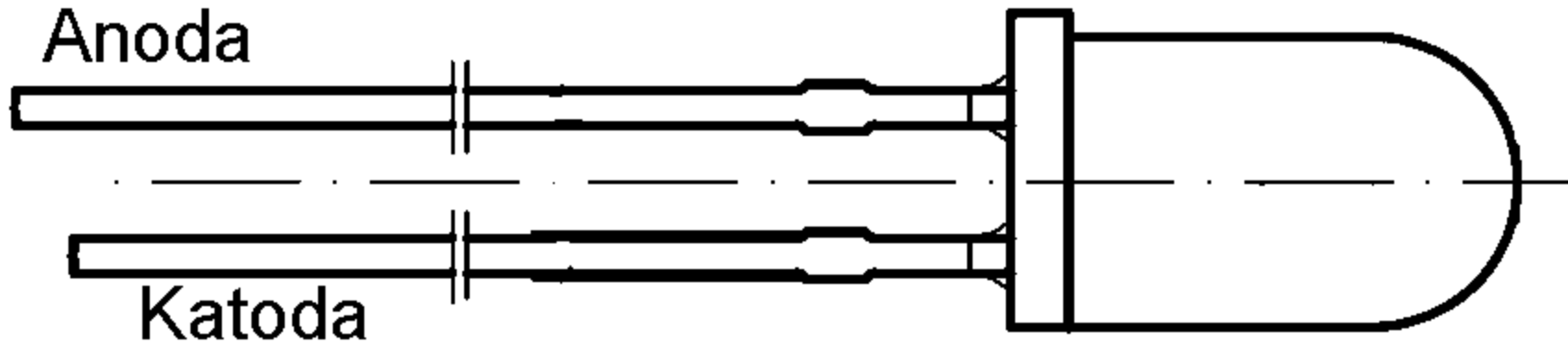
472

681

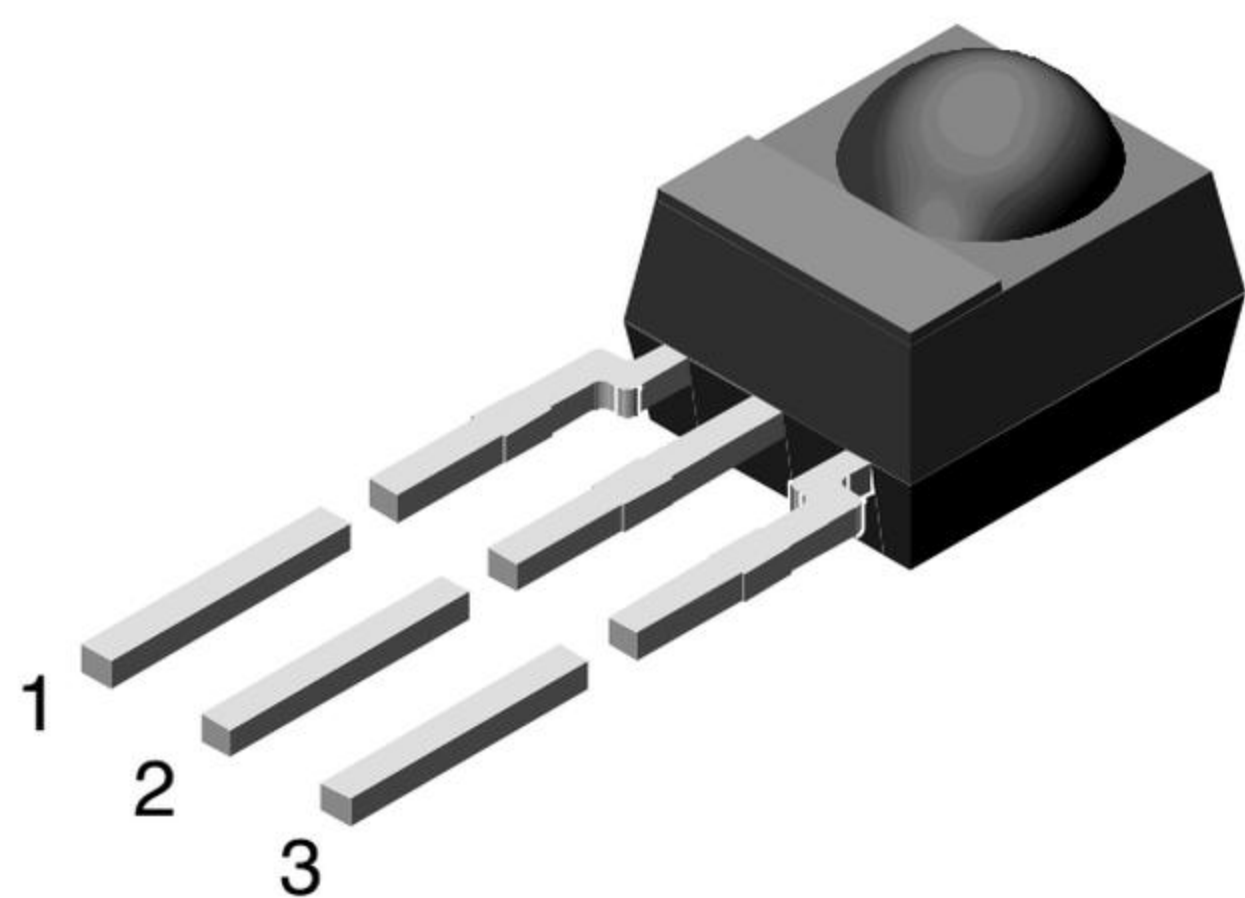
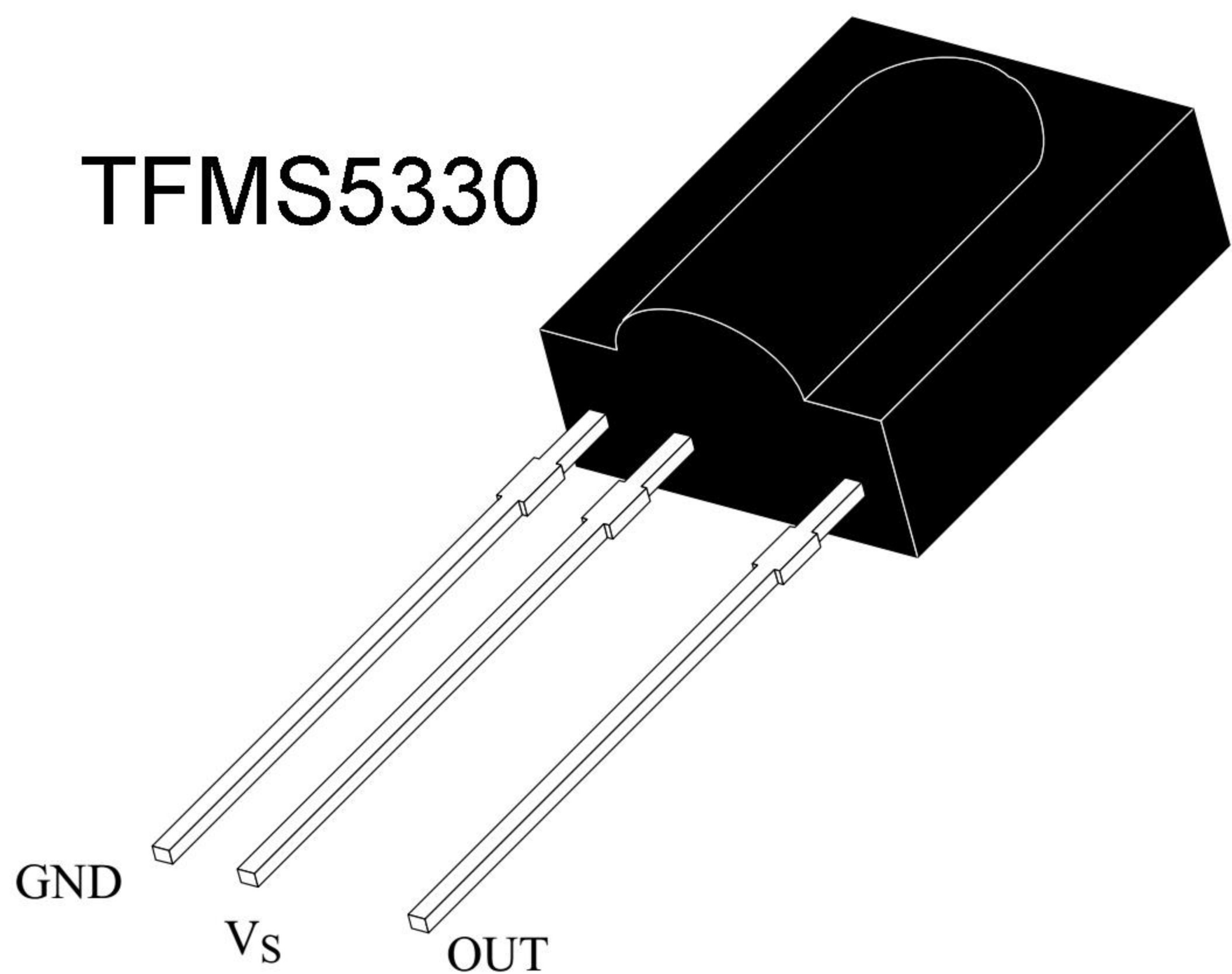
Vrednost	Oznaka na načrtu	Trištevilčna SMD koda	Štirištevilčna SMD koda	SMD velikost
Mostiček	-	0 ali 000	0	1206
82Ω	82	82R	82R0	1206
680Ω	680	681	6800	0805
4.7kΩ	4k7	472	4701	0805
100kΩ	100k	104	1003	0805
220kΩ	220k	224	2203	0805
560kΩ	560k	564	5603	0805
1.5MΩ	1M5	155	1504	0805

Vrednost	Oznaka na načrtu	SMD koda kondenzatorja	SMD velikost
1nF CG!	1n	A3	1206
3.3nF	3n3	N3	1206
68nF	68n	W4	1206
470nF	470n	S5	1206

Gradnik	Oznaka na načrtu	Oznaka katode	SMD ohišje
Si PN dioda 100V 200mA	LL4148	črn obroček	MiniMELF
Zener dioda 5.6V 0.5W	5V6	moder obroček	MiniMELF
Zener dioda 12V 1W	12V 1W	črn obroček	MELF



TFMS5330



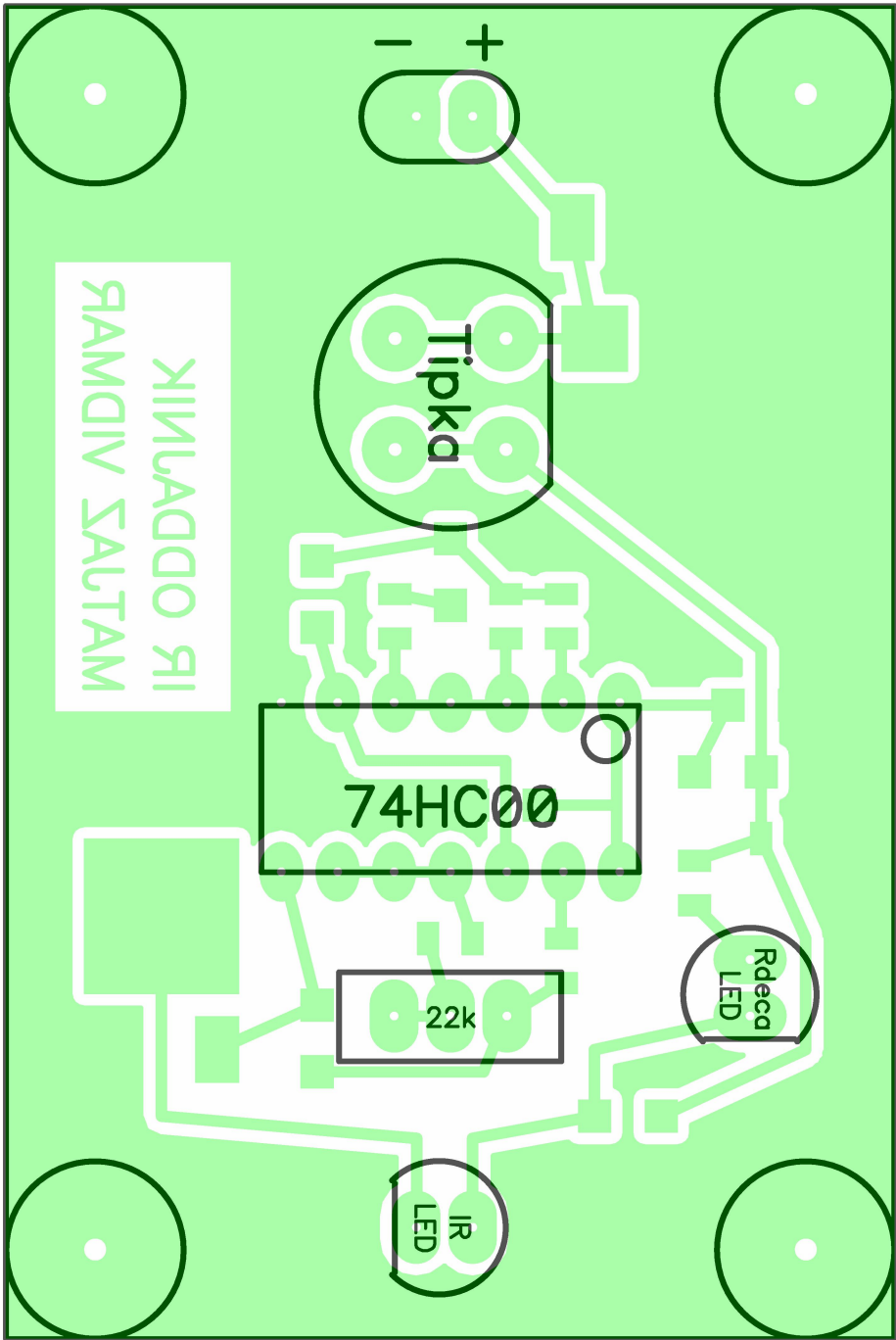
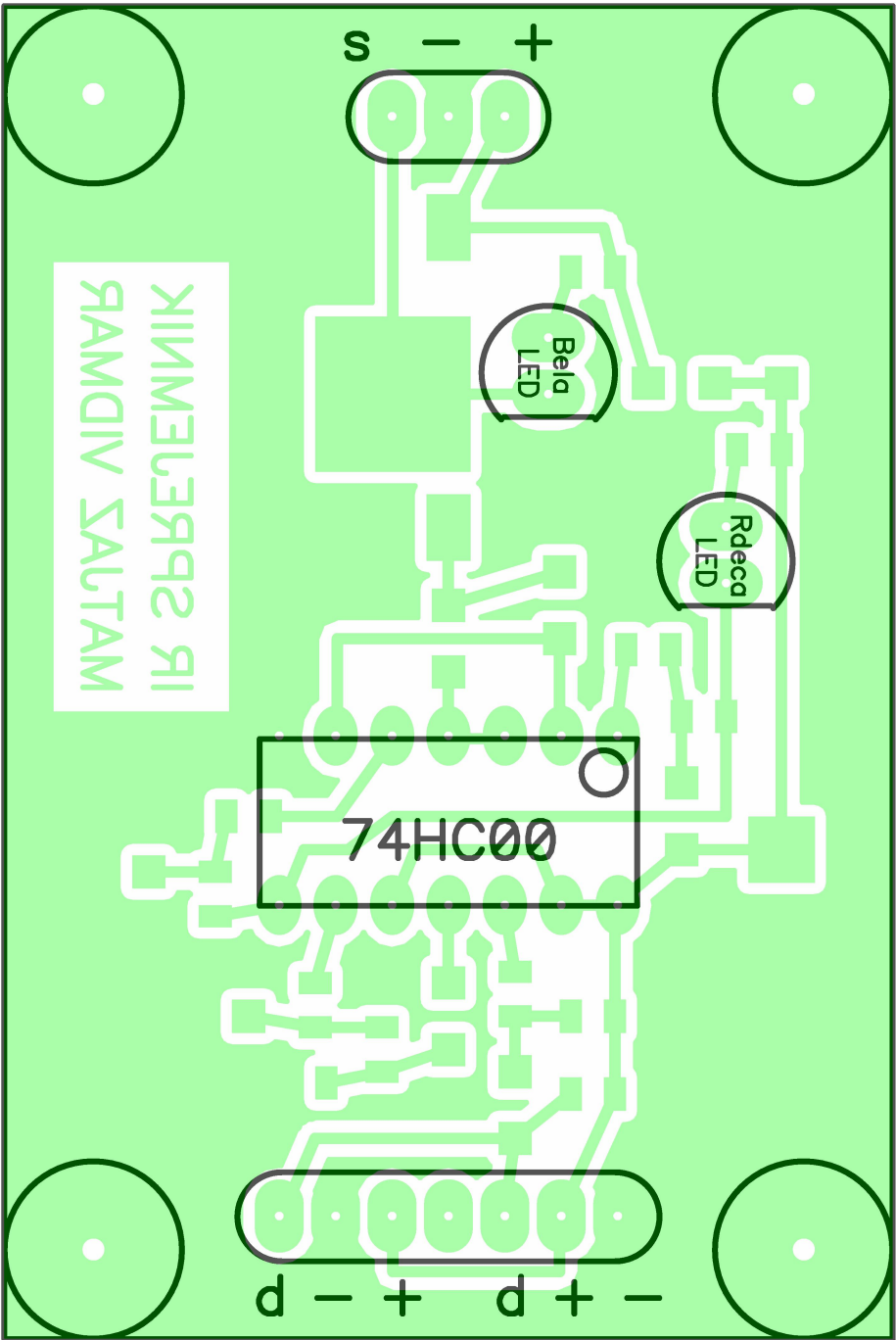
MECHANICAL DATA

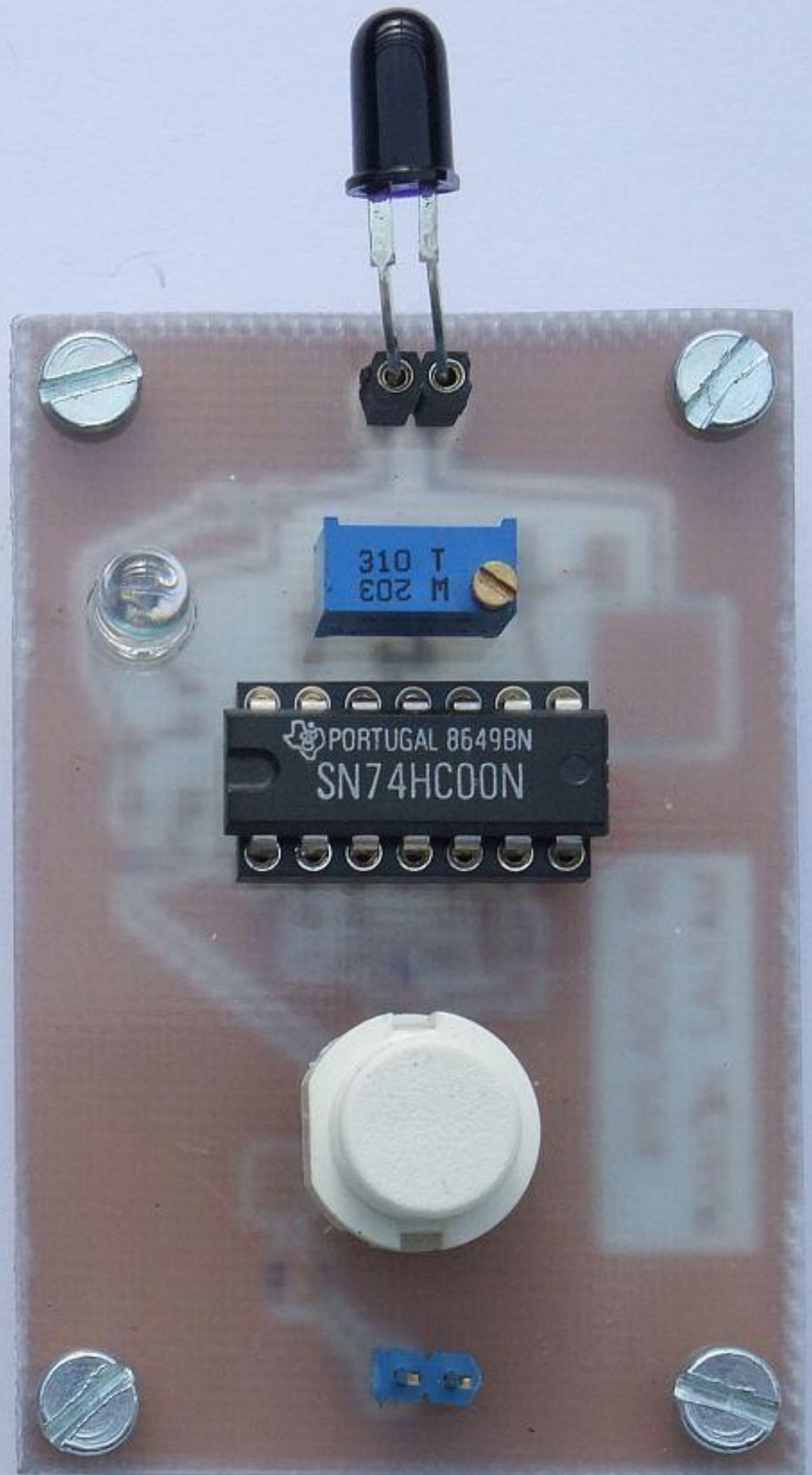
Pinning for TSOP41..., TSOP43..., TSOP45...:

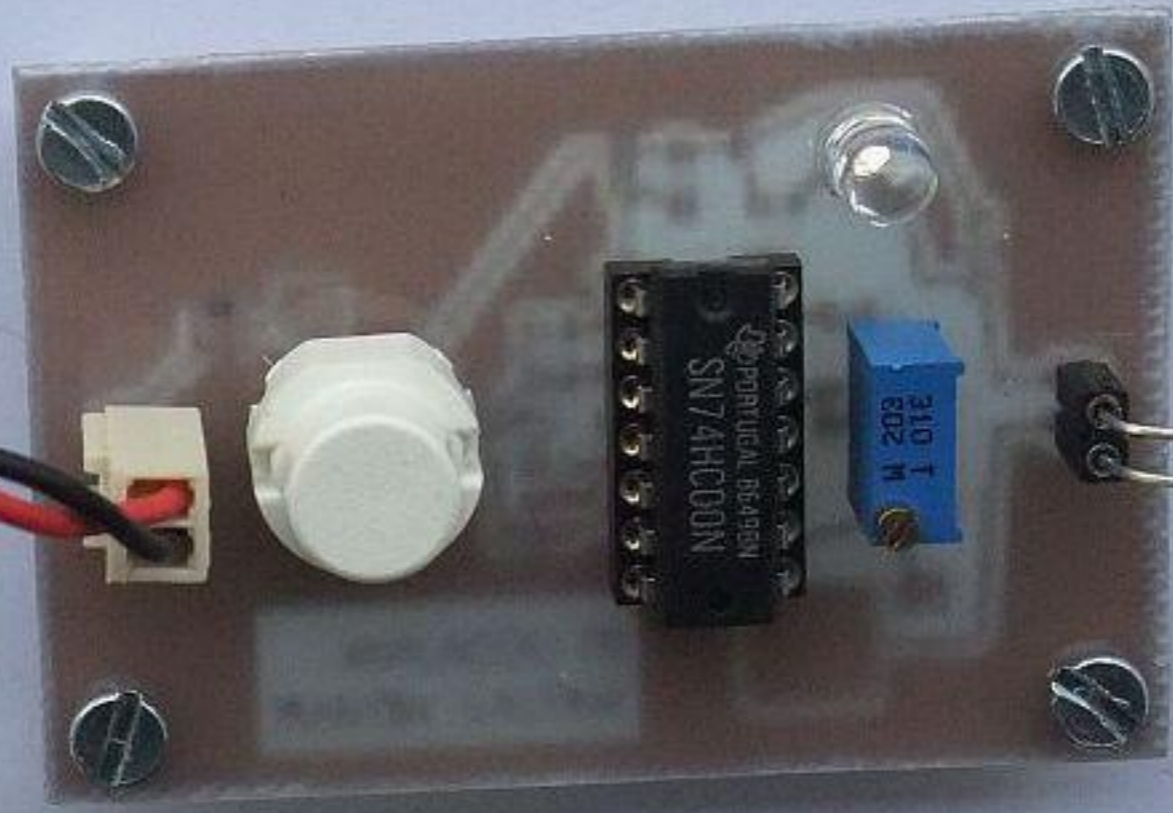
1 = OUT, 2 = GND, 3 = V_S

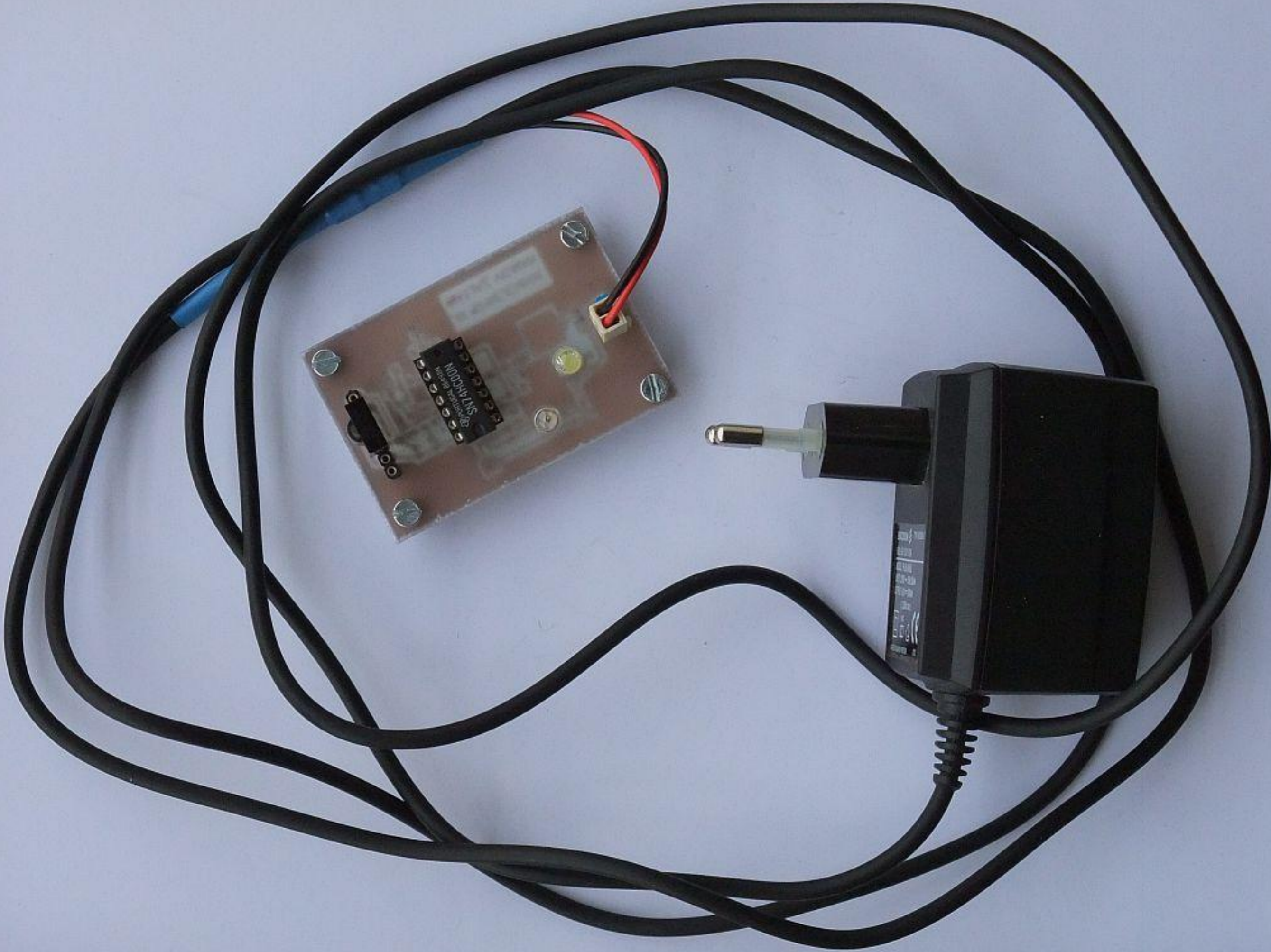
Pinning for TSOP21..., TSOP23..., TSOP25...:

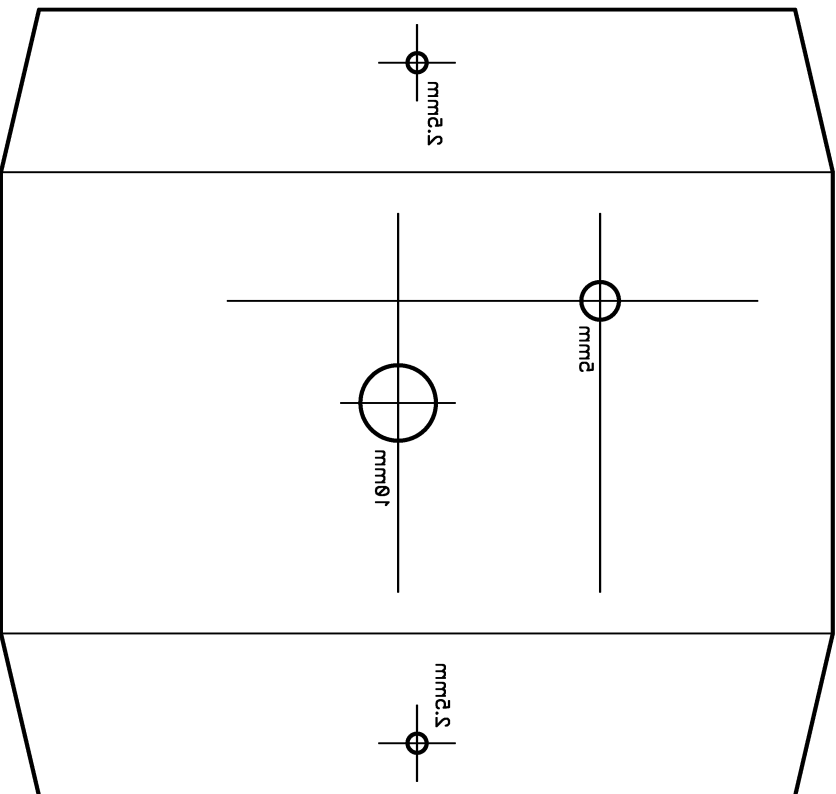
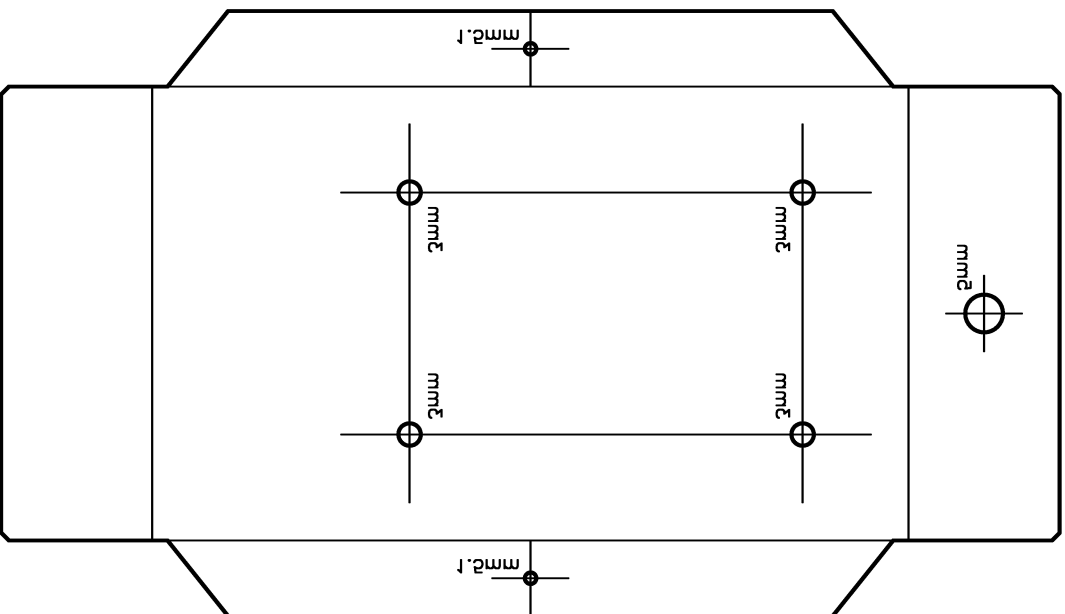
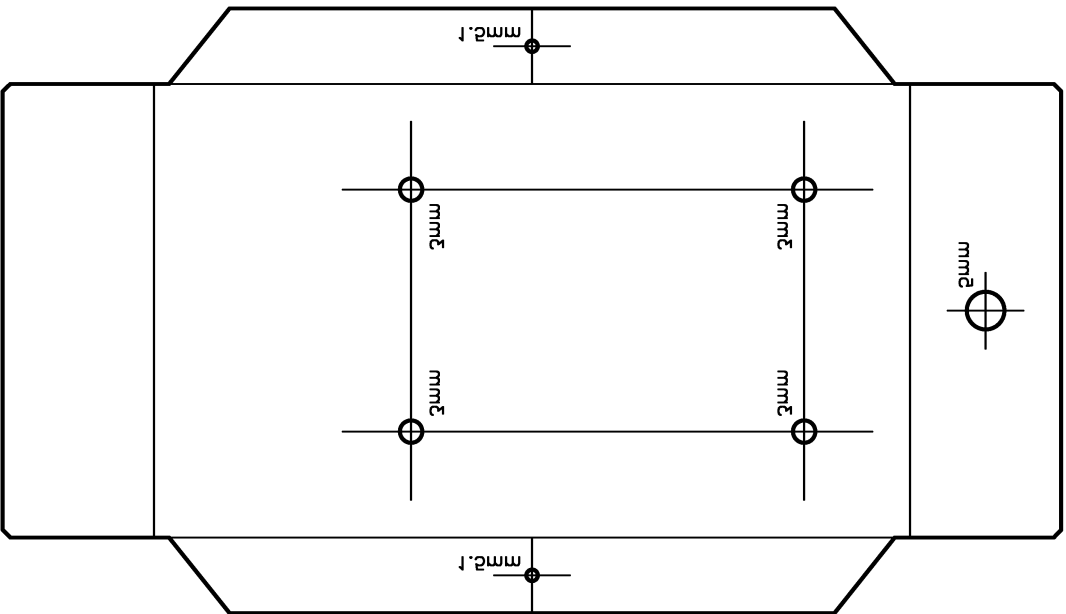
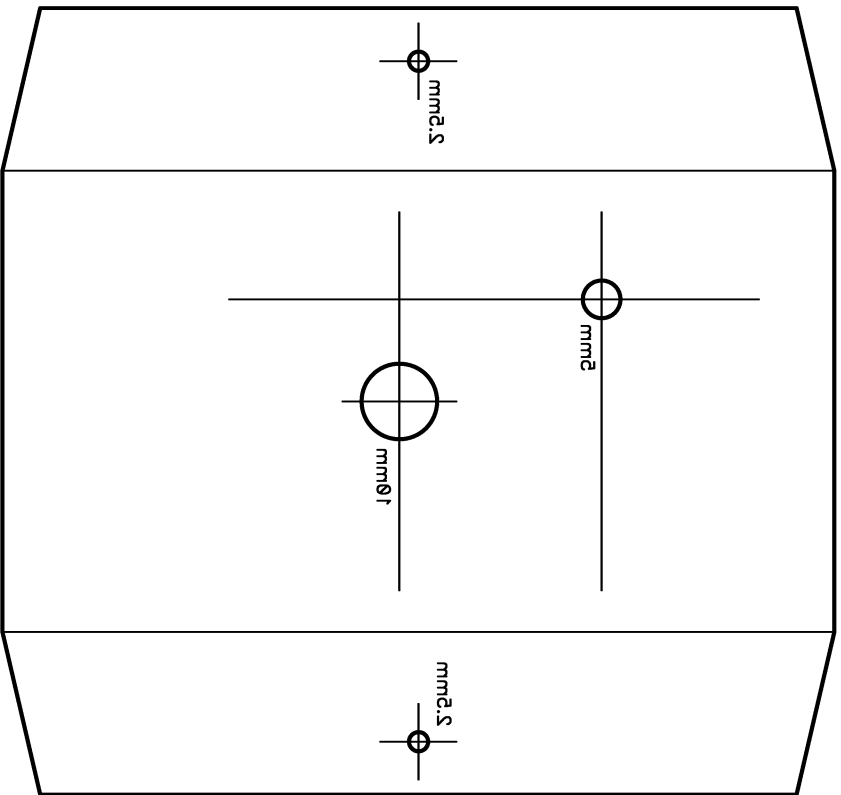
1 = OUT, 2 = V_S, 3 = GND

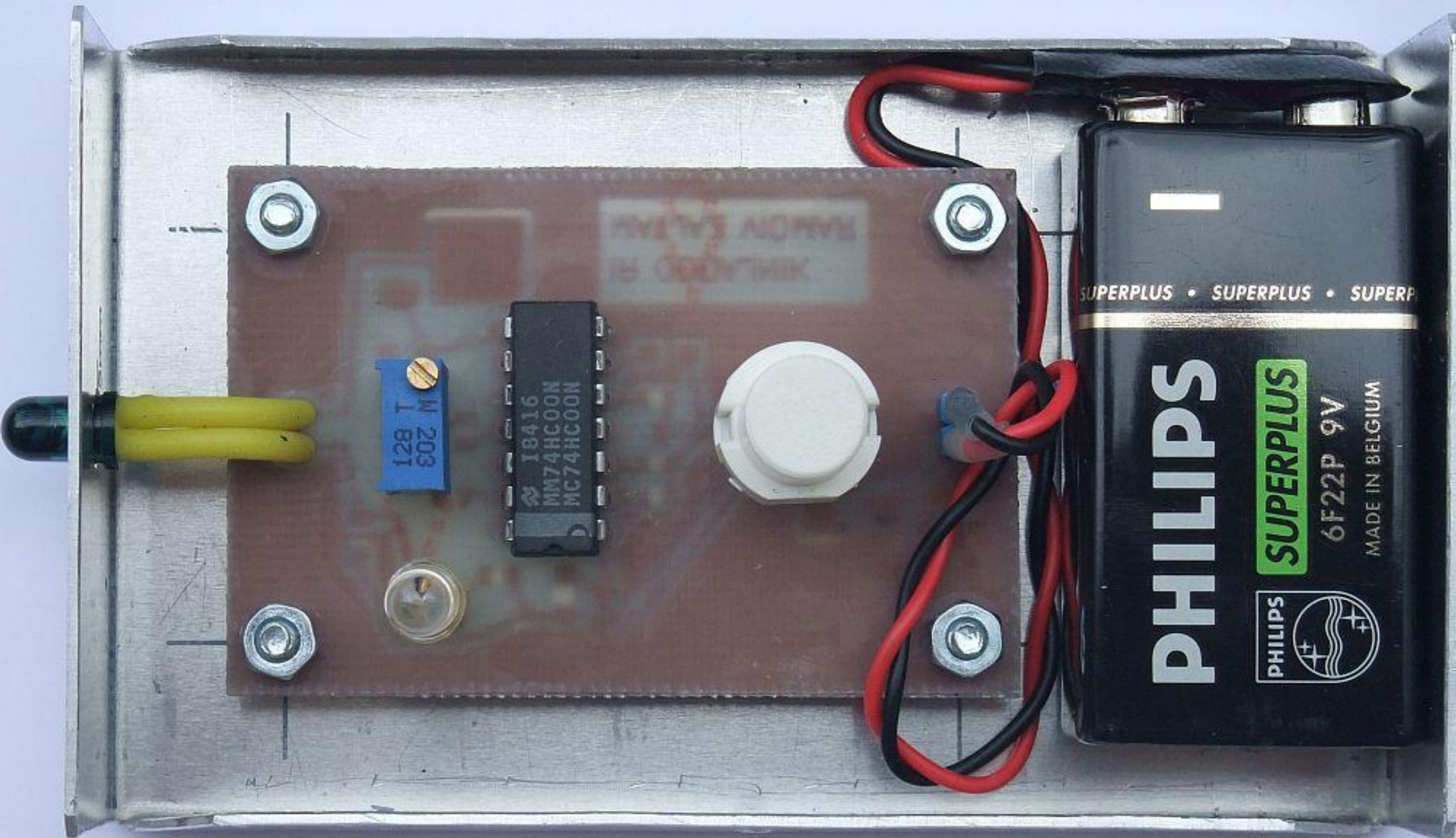












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