

## seznam součástek USB\_PART\_IRMRAK4 , IRMRAK4

## USB\_PART\_IRMRAK4

Quantity	Reference	Part	PCB Footprint
kondenzátory	2 C1,C2	1u	C0805
	8 C3,C5,C6,C7,C8,C9,C10,C11	100nF	C0805
	1 C4	10uF/10V	C0805
diody	1 D1	BAR43SSMD	SOT23
	1 D2	15MQ040N	SMB
	4 D3,D4,D5,D6	P6SMBJ15CA (obousmerny)	SMB
	1 D7	LED3mm_RED	01. 03
	1 D8	LED3mm_GREEN	01. 03
mechanika	1 J1	LOAD_POWER	ARK210/2
	1 J2	DOME	ARK210/2
	1 J3	POWER	ARK210/3
	1 J4	USB_B_01	USB_B_01
	1 J5	RS232	ARK210/3
	4 M1	HOLE_M3	HOLE_M3
optočlen	1 Q1	TLP127-SMD	MFSOP6
tranzistory	1 Q2	BC817SMD	SOT23
odpory	1 R1	150	R0805
	1 R2	180	R0805
	2 R5,R3	10k	R0805
	1 R4	4k7	R0805
	2 R6,R7	270	R0805
IO	1 U1	FT232RL	SSO28_210
	1 U2	MAX232SMD/ST232ACD	SO16_150

## IRMRAK4

Quantity	Reference	Part	PCB Footprint
kondenzátory	9 C1,C2,C3,C4,C5,C6,C7,C9,C11	100nF	C0805
	1 C8	10u/16V	ELYTB
	1 C10	10u/10V_tantal	ELYTA
diody	4 D1,D2,D3,D5	P6SMBJ15CA (obousmerny)	SMB
	1 D4	15MQ040N	SMB
mechanika	1 J2	PIC_ISP	PIC_ISP
	1 J3	RS232	ARK210/3
	1 J4	POWER	ARK210/3

	2 M2,M1	HOLE_M3	HOLE_M3
tranzistor	1 Q1	IRF7413SMD	SO8_FET
rezistory	3 R1,R3,R4	100	R0805
	1 R2	47/5W (9V) 12R/5W pro 5V	R5W
	2 R7,R6	10k	R0805
IO	1 U1	MAX232SMD/ST232ACD	SO16_150
	1 U2	PIC16LF88_SO18	SO18_300
	1 U3	LE33CD_SO8	SO8_150
	1 U4	MLX90614_TO39	TO39_4