

Reference	Value	Footprint	Assembly						Distributor
			A	B	C	D	E	F	
C1	100nF/6V	C_0603	yes						http://www.tme.eu/cz/details/cl10b104ko8nnnc/kondenzatory-mlcc-smd-0603/samsung/
C2	10uF/6V	C_0603	yes						http://www.tme.eu/cz/details/grm188r60j106m/kondenzatory-mlcc-smd-0603/murata/grm188r60j106me47d/
C3	100uF/6V	C_Radial_D5_L11_P2	yes						http://www.gme.cz/ce-220u-10vt-jam-tk-5x11-rm2-0-bulk-p123-854
C4	100nF	C_0603	yes						http://www.tme.eu/cz/details/cl10b104ko8nnnc/kondenzatory-mlcc-smd-0603/samsung/
C5	100pF	C_0603	yes						
C6	100nF	C_0603	yes						
C7	100nF	C_0603	yes						
C8	100nF	C_0603	yes	yes	yes	yes	yes	yes	http://www.tme.eu/cz/details/cl10b104ko8nnnc/kondenzatory-mlcc-smd-0603/samsung/
C9	100nF	C_0603	yes						
C11	100nF	C_0603							
C12	100nF	C_0603							
D1	LED	D_0603	yes	yes	yes	yes	yes	yes	
D2	LED	D_0603	yes	yes	yes	yes	yes	yes	
D3	LED	D_0603	yes	yes	yes	yes	yes	yes	
D4	LED	D_0603	yes	yes	yes	yes	yes	yes	
D5	LED	D_0603	yes	yes	yes	yes	yes	yes	http://www.tme.eu/cz/details/ll-s194pvc-v1-2b/diody-led-smd-barevne/lucky-light/
D6	LED	D_0603	yes	yes	yes	yes	yes	yes	
D7	LED	D_0603	yes	yes	yes	yes	yes	yes	
D8	LED	D_0603	yes	yes	yes	yes	yes	yes	
D9	LED	D_0603	yes	yes	yes	yes	yes	yes	
D10	Schottky diode	SOT23_Diode	yes						http://www.tme.eu/cz/details/bat54-dio/diody-schottky-smd/diotec-semiconductor/bat54/
D11	LED	D_0603	yes						http://www.tme.eu/cz/details/ll-s194pvc-v1-2b/diody-led-smd-barevne/lucky-light/
P1	BAT	Pin_Header_Straight_1x02	bat wires						
P2	CONN	Kostka_CONN						to D.P3	
P3	CONN	Kostka_CONN	to F.P5		1pin only	to F.P2			http://www.tme.eu/cz/details/zi211-40kg-s/konektory-hrebinky/ninigi/
P4	CONN2	Kostka_CONN2	to B.P5	to C.P5	to D.P5	to A.P5	to C.P7	1pin only	http://www.tme.eu/cz/details/zi307-1x20/konektory-hrebinky/connfly/ds1002-03-1_20131/
P5	CONN	Kostka_CONN	to D.P4	to A.P4	to B.P4	to C.P4	to A.P6	to A.P3	http://www.tme.eu/cz/details/ph1-40-ua/konektory-hrebinky/adam-tech/
P6	CONN	Kostka_CONN	to E.P5			to E.P7			
P7	CONN	Kostka_CONN			to E.P4		to D.P6		
P8	SWD	Pin_Header_Straight_1x05							
P9	I2C	Pin_Header_Straight_1x05							
P10	UART	Pin_Header_Straight_1x04							
Q1	FDV301N	SOT-23	yes						http://www.tme.eu/cz/details/bss138nh6327xtsa2/tranzistory-s-kanalem-n-smd/infineon-technologies/
R1	470	R_0603	yes	yes	yes	yes	yes	yes	
R2	470	R_0603	yes	yes	yes	yes	yes	yes	
R3	470	R_0603	yes	yes	yes	yes	yes	yes	
R4	470	R_0603	yes	yes	yes	yes	yes	yes	
R5	470	R_0603	yes	yes	yes	yes	yes	yes	http://www.tme.eu/cz/details/smd0603-470r-1%25/rezistory-smd-0603/royal-ohm/0603saf4700t5e/
R6	470	R_0603	yes	yes	yes	yes	yes	yes	
R7	470	R_0603	yes	yes	yes	yes	yes	yes	
R8	470	R_0603	yes	yes	yes	yes	yes	yes	
R9	470	R_0603	yes	yes	yes	yes	yes	yes	
R10	4k7	R_0603	yes						
R11	4k7	R_0603	yes						http://www.tme.eu/cz/details/crcw06034k70jnea/rezistory-smd-0603/vishay/
R12	4k7	R_0603							
R13	4k7	R_0603	yes						
R15	430	R_0603	yes						
R16	160	R_0603	yes						
S1	SB	SB	open	short	short	short	short	open	
S2	SB	SB	open	short	short	open	short	open	
S3	SB	SB	open	short	short	open	open	open	
S4	SB	SB	short	open	open	open	short	open	
S5	SB	SB	open	short	open	open	open	open	
S6	SB	SB	open	open	open	short	open	open	
S7	SB	SB	open	short	short	open	short	short	
U1	STM32F030K6Tx	LQFP_32	yes						http://www.tme.eu/cz/details/stm32f030k6t6/mikroprocesory-st/st-microelectronics/
U2	74HC595	SOIC-16_3.9x9.9mm_Pitch1.27mm	yes	yes	yes	yes	yes	yes	http://www.tme.eu/cz/details/74hc595d.112/posuvne-registry/nxp/
U3	74HC595	SOIC-16_3.9x9.9mm_Pitch1.27mm	yes						http://www.tme.eu/cz/details/74hc595d.112/posuvne-registry/nxp/
U4	TC2117-3.3VDB	SOT-223	yes						http://www.tme.eu/cz/details/tc2117-3.3vdbtr/stabilizatory-napeti-neregulovane-ldo/microchip-technology/

U5	MMA7660FC	DFN-10_3x3mm_Pitch0.5mm	yes						http://cz.farnell.com/nxp/mma7660fct/accelerometer-3-axis-1-5g-10dfn/dp/2238133
U7	FXMS3110CDR1	DFN10							
U8	LD-BZEN-1205	LD_BZEN_1205	yes						http://www.tme.eu/cz/details/ld-bzen-1205/elektromag-signalizatory-bez-generatoru/loudity/