

BOM list

PCB název:		SP_Box_board	Revize:	4.0			Datum:	20. 30. 2024
Qty	Value	Parts	Device MPN	Package	Cena		Dodavatel	
					1 ks	celkem	Název	Odkaz
1	PIC32CM5164JH01064-I/5LX	Microkontroler	Microchip	TQFP	116,400 Kč	116,400 Kč	Mouser	https://cz.mo
1	FC-135R 32.7680KA-AC0	Crystal	Epson	-	15,410 Kč	15,410 Kč	Mouser	https://cz.mo
1	BC660K-GLAA-I03-SNASA	Radio	Quectel	QFN	214,000 Kč	214,000 Kč	SOS	https://www
1	CMI-9653S-SMT-TR	Piezo	CUI Devices	-	52,000 Kč	52,000 Kč	Mouser	https://cz.m
1	L584070	Baterie	CELLEVIA BATTERIES	-	232,390 Kč	232,390 Kč	TME	https://www
42	IN-PI42TASPRPGPB	LED-senzor	Inolux	QFN	16,080 Kč	675,360 Kč	Mouser	https://cz.m
1	MCP73833T-AMI/MF	Charger	Microchip	QFN	25,440 Kč	25,440 Kč	Mouser	https://cz.m
1	TPS61240DRVR	Stabilizátor	Texas Instruments	QFN	27,360 Kč	27,360 Kč	Mouser	https://cz.m
1	TPS63021DSJT	Stabilizátor	Texas Instruments	QFN	93,500 Kč	93,500 Kč	Mouser	https://cz.m
1	STC3115IQT	Fuel Gauge	STMicroelectronics	QFN	68,880 Kč	68,880 Kč	Mouser	https://cz.m
1	USB4105-GF-A-060	USB_C	GCT	-	18,700 Kč	18,700 Kč	Mouser	https://cz.m
1	2JF0115P Antenna	Anténa	2J	-	300,000 Kč	300,000 Kč	Mouser	https://cz.m
1	155060GS75300	LED signalizační – zelená bat	Wurth Elektronik	0603	10,000 Kč	10,000 Kč	Mouser	https://cz.m
1	155060BS75300	LED signalizační – modrá	Wurth Elektronik	0603	10,000 Kč	10,000 Kč	Mouser	https://cz.m
1	155060RS75300	LED signalizační – červená bat	Wurth Elektronik	0603	10,000 Kč	10,000 Kč	Mouser	https://cz.m
1	155060YS75300	LED signalizační – žlutá	Wurth Elektronik	0603	10,000 Kč	10,000 Kč	Mouser	https://cz.m
1	LTW-C193US5	LED CHRG – bílá	Lite-on	0603	15,410 Kč	15,410 Kč	Mouser	https://cz.m
1	SML-LXFP0603SUGCTR	LED CHRG – zelená	Lumex	0603	9,380 Kč	9,380 Kč	Mouser	https://cz.m
1	FR1101C-2005-M-TR	LED CHRG – červená	Stanley electric	0603	7,370 Kč	7,370 Kč	Mouser	https://cz.m
1	155060AS75300	LED signalizační – oranž bat	Wurth Elektronik	0603	10,000 Kč	10,000 Kč	Mouser	https://cz.m
2	B3S-1000	tlačítko	Omron Electronics	-	17,500 Kč	35,000 Kč	Mouser	https://cz.m
1	1-1825027-7	tlačítko	TE Connectivity	-	7,600 Kč	7,600 Kč	TME	https://www
1	452403	přepínač	Wurth Elektronik	-	59,520 Kč	59,520 Kč	Mouser	https://cz.m
1	5MS1S102AM6QE	přepínač	5m series	-	25,500 Kč	25,500 Kč	TME	https://www
1	S2B-PH-K-S (LF)(SN)	konektor baterie pcb	JST	-	3,212 Kč	3,212 Kč	TME	https://www
1	140-502-210-011	konektor baterie baterie	EDAC	-	0,540 Kč	0,540 Kč	TME	https://www
2	140-941-290	kontakt	EDAC	-	0,790 Kč	1,580 Kč	TME	https://www
1	1N4148WSQ-7-F	dioda k piezu	DIODES INCORPORATED	SOD323	0,770 Kč	0,770 Kč	TME	https://www
					Cena celkem:	1923,512		
1	-	CRYSTAL3.2X1.5MM	XT	-	-	-	Mouser	-
9	-	DIODE-TVSSOD-523	D2, D3, D4, D5, D6, D7, D8, D9, D10	-	-	-	Mouser	-
1	-	HEADER_1X2JST-B2B-PH-ANGLED	JP2	-	-	-	Mouser	-
1	-	HEADER_1X81X8-2.54-ANGLED	JP1	-	-	-	Mouser	-
4	-	LEDLED-0603	LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8	-	-	-	Mouser	-
9	-	MOSFET-NSOT-523	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9	-	-	-	Mouser	-
4	-	MOUNTING_HOLE3.0-THIN	MD1, MD2, MD3, MD4	-	-	-	Mouser	-

21	1k	RESISTORRES-0603	R48, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63	-	-	-	Mouser	-
14	-	TPB1,27	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14	-	-	-	Mouser	-
2	0R	RESISTORRES-0402	R33, R37	-	-	-	Mouser	-
1	1uH	INDUCTORIND-0806	L2	-	-	-	Mouser	-
1	100V	DIODESOD-323	D1	-	-	-	LCSC	-
8	100k	RESISTORRES-0603	R1, R4, R6, R8, R10, R32, R34, R43	-	-	-	LCSC	-
10	100nF	C-EUCAP-0402	C1, C9, C18, C20, C21, C22, C27, C28, C30, C35	-	-	-	LCSC	-
1	100pF	C-EUCAP-0603	C31	-	-	-	LCSC	-
1	100uF	C-EU-2412-TANTTANT2412	C29	-	-	-	LCSC	-
1	10R	RESISTORRES-0603	R9	-	-	-	LCSC	-
4	10k	RESISTORRES-0603	R13, R17, R18, R38	-	-	-	LCSC	-
2	10pF	C-EUCAP-0402	C23, C24	-	-	-	LCSC	-
7	10uF	C-EUCAP-0603	C7, C8, C15, C16, C17, C19, C25	-	-	-	LCSC	-
1	118k	RESISTORRES-0603	R28	-	-	-	LCSC	-
2	1M	RESISTORRES-0402	R14, R29	-	-	-	Mouser	-
5	1k	RESISTORRES-0402	R12, R24, R36, R40, R42	-	-	-	Mouser	-
2	1k@100MHz	INDUCTORIND-0603	L4, L5	-	-	-	Mouser	-
2	1uF	C-EUCAP-0402	C4, C26	-	-	-	Mouser	-
1	1uH	INDUCTORIND-0806	L1	-	-	-	Mouser	-
1	2,2uF	C-EUCAP-0603	C10	-	-	-	Tme	-
1	220nF	C-EUCAP-0603	C5	-	-	-	Tme	-
3	22R	RESISTORRES-0402	R35, R39, R41	-	-	-	Tme	-
1	22pF	C-EUCAP-0603	C32	-	-	-	Tme	-
3	22uF	C-EUCAP-0603	C12, C13, C14	-	-	-	Tme	-
1	2k	RESISTORRES-0603	R26	-	-	-	Tme	-
4	33pF	C-EUCAP-0402	C36, C37, C38, C39	-	-	-	Tme	-
2	370R	RESISTORRES-0603	R3, R20	-	-	-	Tme	-
2	3k3	RESISTORRES-0603	R30, R31	-	-	-	Tme	-
3	4,7uF	C-EUCAP-0603	C3, C6, C11	-	-	-	Tme	-
1	40m	RESISTORRES-0603	R25	-	-	-	Tme	-
1	47nF	C-EUCAP-0402	C2	-	-	-	Tme	-
2	4k7	RESISTORRES-0603	R19, R23, R46, R47	-	-	-	Tme	-
1	500R	RESISTORRES-0603	R45	-	-	-	Tme	-
2	5R	RESISTORRES-0603	R5, R44	-	-	-	Tme	-
2	5k1	RESISTORRES-0603	R15, R16	-	-	-	Mouser	-
1	600R@100MHZ	INDUCTORIND-0806	L3	-	-	-	Mouser	-
2	620R	RESISTORRES-0603	R21, R22	-	-	-	Mouser	-
3	65R	RESISTORRES-0603	R2, R7, R11	-	-	-	Mouser	-
1	820R	RESISTORRES-0603	R27	-	-	-	Mouser	-
1	B 3900	RESISTOR-NTCNTC-0402-MED	NTC1	-	-	-	Mouser	-

E.2