

ZOOK – BOOM

Part	Value	Device	Package	Description	Vendor	Code	Price
C1	0,1uF	0402	0402-CAP	Capacitor	TME	0402YD104KAT2A	€ 0,00247
C2	0,1uF	0402	0402-CAP	Capacitor	TME	0402YD104KAT2A	€ 0,00247
C3	2,2uF	0402	0402-CAP	Capacitor	TME	CL05A225KP5NSNC	€ 0,03218
C4	4,7uF	0402	0402-CAP	Capacitor	TME	AMK105BJ475MV	€ 0,10140
C5	10nF	0402	0402-CAP	Capacitor	TME	0402YC103KAT2A	€ 0,00220
C6	100pF	0402	0402-CAP	Capacitor	TME	CL05C101JB5NNNC	€ 0,00220
C7	22uF	805	0805-CAP	Capacitor	TME	CL21A226MQQNNNG	€ 0,01476
C8	0,1uF	0402	0402-CAP	Capacitor	TME	0402YD104KAT2A	€ 0,00247
C9	1uF	0402	0402-CAP	Capacitor	TME	CL05A105KQ5NNNC	€ 0,00297
C10	10uF 10V	0402	0402-CAP	Capacitor	TME	CL05A106MQ5NUNC	€ 0,02970
C11	10uF 10V	0402	0402-CAP	Capacitor	TME	CL05A106MQ5NUNC	€ 0,02970
C12	4,7uF	0402	0402-CAP	Capacitor	TME	AMK105BJ475MV	€ 0,10140
C13	10uF 10V	0402	0402-CAP	Capacitor	TME	CL05A106MQ5NUNC	€ 0,02970
C14	0,1uF	0402	0402-CAP	Capacitor	TME	0402YD104KAT2A	€ 0,00247
C15	1uF	0402	0402-CAP	Capacitor	TME	CL05A105KQ5NNNC	€ 0,00297
C16	0,1uF	0402	0402-CAP	Capacitor	TME	0402YD104KAT2A	€ 0,00247
C17	27pF	0402	0402-CAP	Capacitor	TME	CL05C270JB5NNNC	€ 0,00249
C18	27pF	0402	0402-CAP	Capacitor	TME	CL05C270JB5NNNC	€ 0,00249
C19	0,1uF	0402	0402-CAP	Capacitor	TME	0402YD104KAT2A	€ 0,00247
C20	0,1uF	0402	0402-CAP	Capacitor	TME	0402YD104KAT2A	€ 0,00247
C21	0,1uF	0402	0402-CAP	Capacitor	TME	0402YD104KAT2A	€ 0,00247
C22	0,1uF	0402	0402-CAP	Capacitor	TME	0402YD104KAT2A	€ 0,00247

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D1	MBRA140	MBRA140	SMA-DIODE	40V, 1A Schottky rectifier	DIGIKEY	MBRA140T3G0SCT-ND	€ 0,09883
D2	ZENERARRAY	ZENERARRAY	SOT363		DIGIKEY	BZX84C5V1TS-FDICT-ND	€ 0,09883
D3	ZENERARRAY	ZENERARRAY	SOT363		DIGIKEY	BZX84C5V1TS-FDICT-ND	€ 0,09883
D4	ZENERARRAY	ZENERARRAY	SOT363		DIGIKEY	BZX84C5V1TS-FDICT-ND	€ 0,09883
D5	ZENERARRAY	ZENERARRAY	SOT363		DIGIKEY	BZX84C5V1TS-FDICT-ND	€ 0,09883
D6	B340A	DIODE-SCHOTTKY-B340A	SMA-DIODE	Schottky diodes in SFEs production catalog	TME	B340A-13-F	€ 0,11820
F1	PTC0603	PTC0603	603	Resettable Fuse PTC	AE		€ 0,20000
IC1	LMC7101AIM5	LMC7101AIM5	SOT23-5		TME	LMC7101AIM5NOPB	€ 0,47000
J1	5267-4	5267-4	5267-4		TME	MX-5267-04A	€ 0,05240
J2	5267-4	5267-4	5267-4		TME	MX-5267-04A	€ 0,05240
J3	BATT	JST_2MM_MALE	JST-2-SMD	Mates to single-cell LiPo batteries,	DIGIKEY	455-1704-ND	€ 0,06627
J5	5267-2	5267-2	5267-2		TME	MX-5267-02A	€ 0,03020
JP1	M10LOCK	M10LOCK	1X10_LOCK	Header 10	TME	ZL201-10G	€ 0,04504
JP2	USB-MICROB	USB-MICROB	USB-MICROB	USB Connectors	ED		€ 0,11000
JP3	M10LOCK	M10LOCK	1X10_LOCK	Header 10	TME	ZL201-10G	€ 0,04504
JP4	M10LOCK	M10LOCK	1X10_LOCK	Header 10	TME	ZL201-10G	€ 0,04504
JP7	M10LOCK	M10LOCK	1X10_LOCK	Header 10	TME	ZL201-10G	€ 0,04504
JP5	M0T1	M02POLAR	MOLEX-1X2	Standard 2-pin 0,1" header, Use with	TME	282834-2	€ 0,39000

Part	Value	Device	Package	Description	Vendor	Code	Price
JP6	MOT2	M02POLAR	MOLEX-1X2	Standard 2-pin 0,1" header, Use with	TME	282834-2	€ 0,39000
L1	MPI4040R3-2R2-R	MPI4040R3-2R2-R	MPI4040R3-2R2-R		Farnell	2145278	€ 0,53600
LED1		LED0603	LED-0603	LEDs	TME	0SR50603C1C	€ 0,02010
LED2		LED0603	LED-0603	LEDs	TME	0SR50603C1C	€ 0,02010
LED3		LED0603	LED-0603	LEDs	TME	0SR50603C1C	€ 0,02010
Q1	12MHz 4 pad crystal 3,2x2,5	CRYSTAL3,2X2,5	CRYSTAL_3,2X2,5		Vertical	ABM8-12,000MHZ-B2-T	€ 0,28000
Q2	BSS84	BSS84	SOT23	P-CHANNEL MOS FET	TME	BSS84,215	€ 0,02890
Q3	IRLML9301TR	BSS84	SOT23	P-CHANNEL MOS FET	TME	IRLML9301TRPBF	€ 0,06510
R1	100k	0402	0402-RES	Resistor	TME	SMD0402-100K	€ 0,00237
R2	220	0603	0603-RES	Resistor	TME	SMD0603-220R-1%	€ 0,00220
R3	220	0603	0603-RES	Resistor	TME	SMD0603-220R-1%	€ 0,00220
R4	220	0603	0603-RES	Resistor	TME	SMD0603-220R-1%	€ 0,00220
R5	220	0603	0603-RES	Resistor	TME	SMD0603-220R-1%	€ 0,00220
R6	220	0603	0603-RES	Resistor	TME	SMD0603-220R-1%	€ 0,00220
R7	220	0603	0603-RES	Resistor	TME	SMD0603-220R-1%	€ 0,00220
R8	220	0603	0603-RES	Resistor	TME	SMD0603-220R-1%	€ 0,00220
R9	220	0603	0603-RES	Resistor	TME	SMD0603-220R-1%	€ 0,00220
R10	220	0603	0603-RES	Resistor	TME	SMD0603-220R-1%	€ 0,00220
R11	220	0603	0603-RES	Resistor	TME	SMD0603-220R-1%	€ 0,00220
R12	620	0402	0402-RES	Resistor	TME	SMD0402-620R-1%	€ 0,00237
R13	4,7k	0402	0402-RES	Resistor	TME	SMD0402-4K7-1%	€ 0,00237
R14	4,7k	0402	0402-RES	Resistor	TME	SMD0402-4K7-1%	€ 0,00237
R15	30,9k	0402	0402-RES	Resistor	DIGIKEY	541-30,9KLCT-ND	€ 0,01669
R16	56	0402	0402-RES	Resistor	TME	SMD0402-56R-1%	€ 0,00237
R17	56	0402	0402-RES	Resistor	TME	SMD0402-56R-1%	€ 0,00237
R18	10k	0402	0402-RES	Resistor	TME	RC0402FR-0710K	€ 0,00200

Part	Value	Device	Package	Description	Vendor	Code	Price
R19	330	0402	0402-RES	Resistor	TME	SMD0402-330R-1%	€ 0,00237
R20	120	0402	0402-RES	Resistor	TME	SMD0402-120R-1%	€ 0,00237
R21	330	0402	0402-RES	Resistor	TME	SMD0402-330R-1%	€ 0,00237
R22	10k	0402	0402-RES	Resistor	TME	RC0402FR-0710K	€ 0,00237
R23	330	0402	0402-RES	Resistor	TME	SMD0402-330R-1%	€ 0,00237
R24	2K	0402	0402-RES	Resistor	TME	SMD0402-2K-1%	€ 0,00237
R25	1k	0402	0402-RES	Resistor	TME	SMD0402-1K-1%	€ 0,00237
R26	100k	0402	0402-RES	Resistor	TME	SMD0402-100K	€ 0,00237
R27	1,5K	0402	0402-RES	Resistor	TME	SMD0402-1K5-1%	€ 0,00237
R28	33	0402	0402-RES	Resistor	TME	SMD0402-33R-1%	€ 0,00237
R29	33	0402	0402-RES	Resistor	TME	SMD0402-33R-1%	€ 0,00237
R30	0	0402	0402-RES	Resistor	TME	SMD0402-0R	€ 0,00237
S1		SWITCH-MOMENTARY-2SMD-3	TACTILE_SWITCH_SMD-3		ED	EVP-AKB11A	€ 0,04000
S2		SWITCH-SPDTPH	SWITCH-SPDT	SPDT Switch	ED	563-1387-ND	€ 0,06000
S3	PROGR	SWITCH-MOMENTARY-2SIDE_EZ	TACTILE-PTH-SIDEEZ		DIGIKEY	450-1662-ND	€ 0,09115
U1		MIC2253	MLF12_3,0MM_X_3,0MM	MIC2253	DIGIKEY	576-3643-1-ND	€ 0,95783
U2	ESP8266	ESP8266	ESP-03		ED		€ 1,00000
U3	MCP73831	MCP73831	SOT23-5		TME	MCP73831T-2AT	€ 0,45000
U4	DRV8837	DRV8837	DSG		DIGIKEY	296-34786-2-ND	€ 0,50600
U5	DRV8837	DRV8837	DSG		DIGIKEY	296-34786-2-ND	€ 0,50600
U6	AP2112K-3,3TRG13,3V	5PIN_REG	SOT23-5		DIGIKEY	AP2112K-3,3TRG1DICT-ND	€ 0,11076
U8	LPC11U24	LPC11U2X_HVQFN33(5X5)	HVQFN33_5X5MM		NEWARK	74T4533	€ 1,40000
U9	MAX3362	MAX3362	SOT23-8		MAXIM	MAX3362AKA	€ 1,50000

Part	Value	Device	Package	Description	Vendor	Code	Price
TOTAL							€ 10,58487