

Item #	Designator	Comment	Footprint	Description	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Currency 1	Supplier Stock 1	Supplier Part Number 1	Divi der	Quantity	Supplier Order Qty 1	adjusted QTY	Supplier Unit Price 1	Adjusted Supplier Subtotal 1	Item #
1	C1, C4, C5	100nF	0402_CAP	CAPACITOR	Würth Electronics	885012105016	Mouser	EUR	40946	710-885012105016	1	3	108	108	€0.02	€2.04	1
2	C2, C3	18pF	0402_CAP	CAPACITOR	Walsin Technologies	0402N180F500CT	Mouser	EUR	5900	791-0402N180F500CT	1	2	100	100	€0.04	€3.59	2
3	C6, C7	33pF	0402_CAP	CAPACITOR	Würth Electronics	885012005058	Mouser	EUR	34052	710-885012005058	1	2	72	72	€0.01	€1.03	3
4	C8, C10	1uF/MLCC	0402_CAP	CAPACITOR	Taiyo Yuden	JMK105BJ105KP-F	Mouser	EUR	25442	963-JMK105BJ105KP-F	1	2	100	100	€0.03	€2.88	4
5	D1	LED_RED_0603	0603_LED_RED		Osram Opto	LSQ976-NR-1	Mouser	EUR	67675	720-LSQ976-NR-1	1	1	100	100	€0.07	€6.83	5
6	D2	LED_GRN_0603	0603_LED_GRN		Kingbright	APT1608SGC	Mouser	EUR	40404	604-APT1608SGC	1	1	36	36	€0.10	€3.75	6
7	D3	LED_BLU_0603	0603_LED_BLU		Osram Opto	LB Q39G-L200-35-1	Mouser	EUR	58553	720-LBQ39GL2N2351	1	1	36	36	€0.27	€9.70	7
8	D5	NSR20F30NXT5G	0603_DIODE-NSR20F30	SCHOTTKY DIODE 0603	ON Semiconductor	NSR20F30NXT5G	Mouser	EUR	115642	863-NSR20F30NXT5G	1.3	1	36	47	€0.34	€16.09	8
9	JP2	USB-MINI-B	USB-MINI-B-HIR-UX60A-MB-5ST-SMALL		Hirose	UX60A-MB-5ST	Mouser	EUR	21413	798-UX60A-MB-5ST	1	1	36	36	€0.67	€24.06	9
10	Q1	BSS84,215	SOT323/SC70-3_SMALL	POWER MOSFET-P SOT23	Diodes	BSS84W-7-F	Mouser	EUR	97989	621-BSS84W-F	1	1	36	36	€0.24	€8.60	10
11	R1, R3, R4, R9, R14	10K	0402_res	RESISTOR	Vishay	CRCW040210K0FKEDC	Mouser	EUR	1859432	71-CRCW040210K0FKEDC	1	5	180	180	€0.01	€2.10	11
12	R2	680R	0402_res	RESISTOR	Vishay	CRCW0402680RFKEDC	Mouser	EUR	69395	71-CRCW0402680RFKEDC	1	1	36	36	€0.03	€1.04	12
13	R5, R7	470R	0402_RES	RESISTOR	Vishay Semiconductors	CRCW0402470RFKEDC	Mouser	EUR	84497	71-CRCW0402470RFKEDC	1	2	100	100	€0.01	€1.17	13
14	R6, R8	33R	0402_res	RESISTOR	Vishay Semiconductors	CRCW040233R0FKEDC	Mouser	EUR	135522	71-CRCW040233R0FKEDC	1	2	100	100	€0.01	€1.17	14
15	R10	1.5K	0402_res	RESISTOR	Vishay	CRCW04021K50FKEDC	Mouser	EUR	99619	71-CRCW04021K50FKEDC	1	1	36	36	€0.03	€1.04	15
16	R12	0R	0402_res	RESISTOR	Vishay	CRCW04020000Z0EDC	Mouser	EUR	899812	71-CRCW04020000Z0EDC	1	1	36	36	€0.01	€0.52	16
17	R15	18K	0402_RES	RESISTOR	Vishay	CRCW040218K0FKED	Mouser	EUR	17512	71-CRCW0402-18K-E3	1	1	36	36	€0.04	€1.26	17
18	SW3, SW4	EVQ-P2202M	BUTTON_4.7x3.5mm	BUTTON TACTILE	Panasonic	EVQ-P2202M	Mouser	EUR	15015	667-EVQ-P2202M	1	2	72	72	€0.65	€46.64	18
19	U1	LPC11U35FHI33/501	QFN32_0.5mm_PAD		NXP Semiconductors	LPC11U35FHI33/501	Mouser	EUR	843	771-LPC11U35FHI33501	1	1	36	36	€3.44	€123.84	19
20	U2	TPS78233	SOT23-5_0.95mm-NOSILK		Texas Instruments	TPS78233DDCR	Mouser	EUR	27457	595-TPS78233DDCR	1	1	36	36	€0.60	€21.67	20
21	Y1	12MHz	CRY-SMD4-2.5x2mm	CRYSTAL	TXC	8Z-12.000MAAJ-T	Mouser	EUR	930	717-8Z-12.000MAAJ-T	1	1	36	36	€1.22	€43.92	21

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G .Total €322.93 8.97025556

production QTY: 36 pcs per board