

Item #	Designator	Comment	Footprint	#Column Name Error:Ma nufacture r	Description	S.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	22pF	0603_cap		CAPACITOR	Multilayer Ceramic Capacitors MLCC - SMD/SMT 0603 22pF 50volts C0G 5%	Murata Electronics	GRM1885C1H220JA01D	Mouser	EUR	207370	81-GRM39C220J50	1	1	25	25	€0.03	€0.75	1
2	C11	0.011F	SUPERCAP PAS3225P3R3113			Supercapacitors / Ultracapacitors SUPER CAP 3.3V 0.011F	Taiyo Yuden	PAS3225P3R3113	Mouser	EUR	2310	963-PAS3225P3R3113	1	1	25	25	€1.60	€40.00	2
3	C14	10uF/MLCC	0603_CAP		CAPACITOR	Multilayer Ceramic Capacitors MLCC - SMD/SMT 0603 10uF 16volts X5R +- 10%	Murata Electronics	GRM188R61A106KE9D	Mouser	EUR	237021	81-GRM188R61A106KE9D	1	1	25	25	€0.07	€1.78	3
4	C2, C3, C4, C5, C12, C15	100nF	0603_cap		CAPACITOR	Multilayer Ceramic Capacitors MLCC - SMD/SMT 50volts 0.1uF 50% X7R	AVX	06035C104KAT2A	Mouser	EUR	448558	581-06035C104KAT2A	1	6	150	150	€0.03	€4.05	4
5	C6	18pF	0603_cap		CAPACITOR	Multilayer Ceramic Capacitors MLCC - SMD/SMT 0603 18pF 50volts C0G 5%	TDK	C1608C0G1H180J080AA	Mouser	EUR	53490	810-C1608C0G1H180J	1	1	25	25	€0.03	€0.70	5
6	C7, C9	6.8pF	0603_cap		CAPACITOR	Multilayer Ceramic Capacitors MLCC - SMD/SMT 200volts 6.8pF ULTRA LOW ESR	AVX	06032UGR88BAT2A	Mouser	EUR	22321	581-06032UGR88BAT2A	1	2	50	50	€0.09	€4.55	6
7	C8, C10	1uF/MLCC	0603_CAP		CAPACITOR	Multilayer Ceramic Capacitors MLCC - SMD/SMT 0603 1.0uF 16volts X7R 10%	Murata Electronics	GCM188R71C105KA64D	Mouser	EUR	193349	81-GCM188R71C105KA64D	1	2	50	50	€0.12	€5.85	7
8	D1, D2, D3, D4, D5, D6, D7	NSR20F30NXT5G	0603_DIODE- CDSU101A		DIODE	Schottky Diodes & Rectifiers 0603 FC SCHOTTKY DIODES	ON Semiconductor	NSR20F30NXT5G	Mouser	EUR	29471	863-NSR20F30NXT5G	1	7	175	175	€0.19	€33.60	8
9	JP1	USB-MINI-B	USB-MINI-B-HIR- UX60A-MB-5ST			USB Connectors MINI B RECEPT R/A SMT W/O POST	Hirose Connector	UX60A-MB-5ST	Mouser	EUR	7383	798-UX60A-MB-5ST	1	1	25	25	€0.69	€17.18	9
10	JP2	Header 5X2 1.27mm	2x5-1.27mm-HARWIN- 855-M50-3600542		Header, 5-Pin, Dual row	Headers & Wire Housings 5+1 DIL PIN HDR SMT AuSn	Harwin	M50-3600542	Mouser	EUR	8817	855-M50-3600542	1	1	25	25	€0.87	€21.85	10
11	JP6, JP7	HEADER 9	1X12-NOSILK			Headers & Wire Housings SGP SINGLE ROW	TE Connectivity / AMP	5-825433-0	Mouser	EUR	298	571-5-825433-0	0.25	2	50	13	€2.83	€36.79	11
12	LD1	LED_RED	0603_LED_RED			Standard LEDs - SMD Super Red, 630nm 17mcd, 2mA	OSRAM Opto Semiconductors	LS L29K-G1J2-1-Z	Mouser	EUR	63048	720-LSL29K-G1J2-1-Z	1	1	25	25	€0.11	€2.70	12
13	LD2	LED_GRN	0603_LED_GRN			Standard LEDs - SMD Green, 570nm 17mcd, 2mA	OSRAM Opto Semiconductors	LG L29K-F2J1-24-Z	Mouser	EUR	43058	720-LGL29KF2J124Z	1	1	25	25	€0.11	€2.70	13
14	LD3	LED_BLU	0603_LED_BLU			Standard LEDs - SMD Blue, 470nm 49mcd, 5mA	OSRAM Opto Semiconductors	LB Q39G-L2N2-35-1	Mouser	EUR	146588	720-LBQ39GL2N2351	1	1	25	25	€0.11	€2.70	14
15	R1, R2, R3, R4, R5, R7, R8, R13	10K	0603_res		RESISTOR	Thick Film Resistors - SMD 0603 10Kohms 1% Tol	Panasonic	ERJ-3EKF1002V	Mouser	EUR	1575659	667-ERJ-3EKF1002V	1	8	200	200	€0.01	€1.60	15
16	R11, R12	1K	0603_res		RESISTOR	Thick Film Resistors - SMD 0603 1Kohms 1% Tol	Panasonic	ERJ-3EKF1001V	Mouser	EUR	680225	667-ERJ-3EKF1001V	1	2	50	50	€0.01	€0.65	16
17	R14	680R	0603_res		RESISTOR	Thick Film Resistors - SMD 110mWatt 680ohms 1%	Vishay / Dale	CRCW0603680RKEA	Mouser	EUR	128297	71-CRCW0603-680-B3	1	1	25	25	€0.04	€1.00	17
18	R6	18K	0603_res		RESISTOR	Thick Film Resistors - SMD 0603 1.8Kohms 5% Tol	Panasonic	ERJ-3GEV182V	Mouser	EUR	153762	667-ERJ-3GEV182V	1	1	25	25	€0.02	€0.45	18
19	R9, R10	0R	0603_res		RESISTOR	Thick Film Resistors - SMD 0603 Zero Ohms	Panasonic	ERJ-3GEY0R00V	Mouser	EUR	1039706	667-ERJ-3GEY0R00V	1	2	50	50	€0.01	€0.55	19
20	SW1, SW2, SW3	EVQ-P2202M	BUTTON_4.7x3.5mm		BUTTON TACTILE	Tactile Switches 4.7x3.5mm SMD Light Touch Switch	Panasonic	EVQ-P2202M	Mouser	EUR	2855	667-EVQ-P2202M	1	3	75	75	€0.59	€44.18	20
21	U1	LPC11U68JBD48	SOT313-2,V			ARM Microcontrollers - MCU LPC11U68JBD48LQFP48/STANDARD	NXP Semiconductors	LPC11U68JBD48E	Mouser	EUR	181	771-LPC11U68JBD48E	1	1	25	25	€3.76	€94.00	21
22	U2	TPS78233	SOT23-5, 0.95mm- NOSILK			LDO Voltage Regulators Sgl Fixed Out LDO 150mA 1uA Quies Cnt	Texas Instruments	TPS78233DDCR	Mouser	EUR	11738	595-TPS78233DDCR	1	1	25	25	€0.64	€15.95	22
23	Y1	FC135-32.76KAA3	CRYSTAL-3.2x1.5		CRYSTAL	Crytals 32.768KHz 20ppm 12.5pF 40C -40C	Epson Timing	FC-135 32.7680KA-A3	Mouser	EUR	4036	732-FC135-32.76KAA3	1	1	25	25	€0.82	€20.58	23
24	Y2	12MHz/10pF	CRY-SMD4-EPSON- FA238V		CRYSTAL	Crytals 12.000MHz 10pF 30ppm -20C -70C	ABRACON	ABM8G-12.000MHZ-B4Y-T	Mouser	EUR	8964	815-ABM8G-12-B4Y-T	1	1	25	25	€0.73	€18.28	24
25	B2	N-GMS	N-GMS										1	1		0		€0.00	25
26	JP3	HEADER_2	1X02										1	1		0		€0.00	26
27	JP4	HEADER_5	1X05										1	1		0		€0.00	27
28	U3	N-NODE24-20pin	N-NODE24-20pins										1	1		0		€0.00	28

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G.Total €372.42 €16.24 per board