Type	Qty	Value	Device	Package	Parts	Description	MOUSER	Discription	Stores	Price	Price Total	Checked	Order Description	Aantal Totaal	Prijs Totaal	Aantal orders
CAP	33	100nF	C-EUC0603	C0603	C1, C2, C3, C5, C7, C8, C11, C	CAPACITOR, European symbol	710-885012206071	?		0.04	1.32	x		825	€33.00	25
	4	16pF	C-EUC0603	C0603	C4, C6, C81, C82	CAPACITOR, European symbol	603-CC603JRNPO0BN160	?		0.09	0.36	x		100	€9.00	
	4	22pF	C-EUC0603	C0603	C9, C12, C23, C49	CAPACITOR, European symbol	581-06035C220JAT2A	?		0.18	0.72	x		100	€18.00	
	22	10uF X5R	C-EUC0805K	C0805K	C10, C14, C15, C16, C18, C20,	CAPACITOR, European symbol			x	0	0	x		550	€0.00	
											0				€0.00	
Cap Pol	1	330uF 10V (10tpe330m)	CPOL-EUD/7343-31W	D/7343-31W	C21	POLARIZED CAPACITOR, European symbol			x	0	0	x		25	€0.00	
														0	€0.00	
Resistor	1	100R	R-EU_R0603	R0603	R35	RESISTOR, European symbol	754-RR0816P-101D		?	0.014	0.014	x	min 100st	25	€0.35	
	2	10	R-EU_R0603	R0603	R21, R22	RESISTOR, European symbol	754-RR0816Q-100D		?	0.014	0.028	x	min 100st	50	€0.70	
	8	10k	R-EU_R0603	R0603	R5, R11, R18, R24, R25, R33,	RESISTOR, European symbol	603-RT0603FRE0710KL		?	0.014	0.112	x	min 100st	200	€2.80	
	2	100k	R-EU_R0603	R0603	R28, R29	RESISTOR, European symbol	754-RR0816P-104D		?	0.014	0.028	x	min 100st	50	€0.70	
	2	1k	R-EU_R0603	R0603	R8, R17	RESISTOR, European symbol	603-RT0603FRE071KL		?	0.014	0.028	x	min 100st	50	€0.70	
	1	200R	R-EU_R0603	R0603	R6	RESISTOR, European symbol	667-ERA-3AED201V		?	0.027	0.027	x	min 100st	25	€0.68	
	1	150k	R-EU_R0603	R0603	R19	RESISTOR, European symbol	667-ERA-3AED154V			0.037	0.037	x	min 100st	25	€0.93	
	1	120R	R-EU_R0603	R0603	R23	RESISTOR, European symbol	603-RT0603DRE07120RL		?	0.022	0.022	x	min 100st	25	€0.55	
	1	32k	R-EU_R0603	R0603	R2	RESISTOR, European symbol	603-RT0603BRD0732KL			0.211	0.211	x		25	€5.28	
	1	33k	R-EU_R0603	R0603	R20	RESISTOR, European symbol	603-RT0603DRE0733KL			0.023	0.023	x	min 100st	25	€0.58	
	2	2k2	R-EU_R0603	R0603	R26, R27	RESISTOR, European symbol	603-RT0603DRE072K2L		?	0.022	0.044	x	min 100st	50	€1.10	
	4	0	R-EU_R0603	R0603	R1, R3, R4, R12	RESISTOR, European symbol	71-RCS06030000Z0EA		?	0.014	0.056	x	min 100st	100	€1.40	
														0	€0.00	
Res Array	5	1k	744-8NS	744-8NS	RN1, RN3, RN5, RN6, RN7	CTS 744 Series	660-CN2B4TTE102J			0.151	0.755	x		125	€18.88	
	2	10k	744-8NS	744-8NS	RN2, RN13	CTS 744 Series	660-CN2B4TTE103J			0.151	0.302	x		50	€7.55	
														0	€0.00	
Ferrite Beads	6	B-EU	B-EU	C0603	B1, B2, B3, B4, B5, B6	Standart ferrite beads 100mhz 0603 2A	81-BLM18KG221SN1D			0.09	0.54	x		150	€13.50	
														0	€0.00	
Coil	3	3.3uH 1.9A PWR	SLF7032T3R3M1R9-2-PF	SLF7032T	L2, L3, L4	inductor SLF7032T	SLF7032T-3R3M1R9-2-PF		x		0			75	€0.00	
														0	€0.00	
Xtal	1	12MHz	XTAL/S	QS	Q1	CRYSTAL	549-CYS6Q31C-12MHZ			0.9	0.9	x		25	€22.50	
	1	25MHz	XTAL/S	QS	Q2	CRYSTAL	717-9B-25.000MBBK-B			0.26	0.26	x		25	€6.50	
														0	€0.00	
Mosfet	1	NTR2101P	MOSFET-PCHANNELIRLML2244	SOT23-3	Q3	Generic PMOSFET	863-NTR2101PT1G			0.33	0.33	x		25	€8.25	
														0	€0.00	
TVS	1	Bi TVS 5V	DIODESOD-523	SOD-523	D1	Diode	750-CPDH5V0P-HF			0.25	0.25	x		25	€6.25	
	2	IP4234CZ6,125	IP4234CZ6,125	SOT95P275X110-6N	D2, D3	TVS DIODE 5.5VWM 6TSOP	771-IP4234CZ6125			0.35	0.7	x		50	€17.50	
														0	€0.00	
Leds	1	OVSTRGBBCR8	OVSTRGBBCR8	150505M173300	LED9	RGB Wurth Elektronik led	710-150505M173300			0.522	0.522	x		25	€13.05	
	9	Any color	LEDCHIP-LED0805	CHIP-LED0805	LED0, LED1, LED2, LED3, LED	LED	604-AP2012HD			0.18	1.62	x		225	€40.50	
														0	€0.00	
Headers	1		PINHD-1X2	1X02	JP2	PIN HEADER		Not Placed	x		0	x		25	€0.00	
	1	GPIO Header	MA20-2	MA20-2	SV1	PIN HEADER	649-68691-440HLF			0.99	0.99	x		25	€24.75	
	1	Pickit2	MA06-1	MA06-1	SV3	PIN HEADER		Not Placed			0	x		25	€0.00	
	1	VIN	M02JST-PTH-VERT	JST-2-PTH-VERT	JP1	Standard 2-pin 0.1 header. Use with"		Not Placed			0	x		25	€0.00	
														0	€0.00	
Switches	5	DTSM-6	DTSM-6	DTSM-6	RESET, S1, S2, S3, S4		611-PTS526SM08SMTR2L			0.099	0.495	x		125	€12.38	
	1	SWS004	SWS004	SMS-004	S6	SMD Dip Switch 4 pol.	774-219-4LPS			0.648	0.648	x		25	€16.20	
														0	€0.00	
Connectors	1		W237-3E	W237-3E	RS485	WAGO SREW CLAMP	538-39880-4303			0.819	0.819	x		25	€20.48	
	2	MINI-USB-32005-201	MINI-USB-32005-201	32005-201	X2, X3	MINI USB-B Conector	490-UJ2-MBH-1-SMT			0.441	0.882	x		50	€22.05	
	1	HDMI	HDMI	HDMI_A	U$9	Horizonal HDMI type A" jack"	649-10029449-111RLF			0.648	0.648	x		25	€16.20	
														0	€0.00	
IC's	1	OSCILLATOR 5X3	OSCILLATOR 5X3	CRYSTAL-OSC-SMD-5X3	U2	Generic 5x3 and 7x5 oscillators	972-LH535048.000000I			0.9	0.9	x		25	€22.50	
	1	SI5351A	SI5351A_CLOCK_GEN	MSOP-10	U1	CLOCK GENERATOR	634-SI5351A-B-GT			1.04	1.04	x		25	€26.00	
	1	10CL016YE144C8G	10CL016YE144C8G	QFP50P2200X2200X165-145N	IC1	FPGA - Field Programmable Gate Array		Free :)		0	0	x		25	€0.00	
	3	AP3429	AP3429	TSOT-25	U$3, U$7, U$11	Switch Power	621-AP3429AKTTR-G1			0.369	1.107	x		75	€27.68	
	1	IS25LQ040B-JNLE	IS25LQ040B-JNLE	SOIC8	U4	FPGA Flash	870-25LQ040BJNLE			0.333	0.333	x		25	€8.33	
	1	Any 3.3v rs485	SN65176D	SO-08	IC2	DIFFERENTIAL BUS TRANSCEIVER	511-ST485EIDT			1.65	1.65	x		25	€41.25	
	1	PIC18F14K50-I/SS	PIC18F14K50-I/SS	SOP65P780X200-20N	U3	Flash Microcontrollers	579-PIC18F14K50-I/SS			2	2	x		25	€50.00	
														0	€0.00	
											0			0	€0.00	
Misc	1	PCB								0	0	x		25	€0.00	
	1	USB Cable					530-SC-2ANK003F		?	1.94	1.94	x		25	€48.50	
	5	Bumper					517-SJ-5003GY			0.099	0.495	x		125	€12.38	
										Total		23.156				€578.90	