

Qty	Value	Device	Package	Parts	Description	LIB	MANUFACTURER	MPN	OC FARNELL	PRICE	VALUE
16	0.1µF 25V	CAPACITOR_NON_POL-0.1µF-25V(+/-10%)(2012)	C2012	C1, C2, C3, C6, C7, C10, C12, C13, C14, C17, C20, C21, C24, C25, C28, C29	Condensateur céramique multicouche	weklin_capacitor	AVX	08053C104KAT2A	2280951	0,004 €	0.1µF 25V
1	100K	RESISTOR-100K(+/-1%)(2012)	R2012	R1	Resistor	weklin_resistor		MCWR08X1003FTL	2446868	0,001 €	100K
4	10µF 10V	CAPACITOR_POL-10µF-10V(+/-10%)(3216)	EIA3216	C8, C19, C23, C27	Capacitor	weklin_capacitor		T491A106K010AT	2250086	0,058 €	10µF 10V
4	10µF 63V	CAPACITOR_POL-100µF-63V(+/-10%)(1010)	I53CLV-1010	C9, C18, C22, C26	Capacitor	weklin_capacitor		UUX1J101MNL1GS	1898746	0,450 €	10µF 63V
1	120R	RESISTOR-120R(+/-1%)(2012)	R2012	R4	Resistor	weklin_resistor		MCWR08X1200FTL	2446878	0,001 €	120R
1	12A	PTCFUSE-3216(1206)	R3216	F1	Fuse time lag	weklin_fuse		3413.0329.22	1829472	0,973 €	12A
1	12K	NB12L00123KBB-2012(0805)	T2012	R6	Thermistor	weklin_thermistor		NB12L00123KBB	1672292	0,140 €	12K
3	15µH 9A	SRP1265A-150M	DRA127	L2, L3, L4	Power inductor 15µH 9A	weklin_inductor		SRP1265A-150M	2434073	1,200 €	15µH 9A
1	16MHz	CRYSTAL-16MHZ_SMD(3225)	SMD_3.2X2.5MM	Q1	Crystal resonator	weklin_crystal	AEL CRYSTALS	E3SB16.0000F09G11AE	2467444RL	0,315 €	16MHz
3	1K1	RESISTOR-1K1(+/-1%)(2012)	R2012	R2, R3, R5	Resistor	weklin_resistor		MC0805S8F1101T5E	1635316	0,003 €	1K1
1	1M	RESISTOR-1M(+/-1%)(2012)	R2012	R7	Resistor	weklin_resistor		MCWR08X1004FTL	2446913	0,001 €	1M
4	22pF 50V	CAPACITOR_NON_POL-22PF-50V(+/-5%)(2012)	C2012	C4, C5, C15, C16	Condensateur céramique multicouche	weklin_capacitor	Multicomp	MC0805N220J500CT	2310684	0,008 €	22pF 50V
1	330µF 6.3V	CAPACITOR_POL-330µF-6.3V(+/-10%)(7343)	EIA7343	C11	Capacitor	weklin_capacitor		T491D337K006AT	2313928	0,497 €	330µF 6.3V
1	330µH 1.15A	SRR1260A-331K	DRA124	L1	Power inductor 330µH 1.15A	weklin_inductor		SRR1260A-331K	2374141	1,040 €	330µH 1.15A
1	3K	RESISTOR-3K(+/-1%)(2012)	R2012	R8	Resistor	weklin_resistor		MC0805S8F3001T5E	1635321	0,003 €	3K
1	40MHz	CRYSTAL-40MHZ_SMD(3225)	SMD_3.2X2.5MM	Q2	Crystal resonator	weklin_crystal	Epson	X1E0000210488 TSX-3225	2471834	0,636 €	40MHz
1	500mA	FUSE	EIARS-481-2	U\$1	Fuse 500mA 125V ultra fast	weklin_fuse	Littlefuse	0451.500MRL	2383271	0,527 €	500mA
1	6.8V	ZENER_UNIDIR6.8	DO-214AA	D7	P6SMBxxA Series of unidirectional Transient Voltage Suppressor Diodes	weklin_diode	ON Semiconductor	P6SMB6.8AT3G	1459166RL	0,178 €	6.8V
1	ACS713-20A	ASC713713ELCTR-20A-T	SOIC8	U2	Linear Current Sensor	weklin_sensor		ACS713ELCTR-20A-T	1651976	4,440 €	ACS713-20A
1	ATmega32M1	ATMEGA32M1-TQFP32	TQFP32	IC1	ATMEL ATMEGA32M1-AU MCU 8 BITS ATMEGA 16MHZ	weklin_micro_atmel		ATmega32M1-AU	2443180	6,180 €	ATmega32M1
1	Connect_Power	JUMPER_PCB	SJ	SJ1	SMD solder JUMPER	weklin_jumper		N.A.		0,000 €	
1	DA22F2100L	DIODE-DA22F2100L	SOD323	D3	Diode	weklin_diode		DA22F2100L	2459014	0,290 €	DA22F2100L
6	IRLR3636	IRLR3636	TO252	Q3, Q4, Q5, Q6, Q7, Q8	Transistor MOSFET, Canal N	weklin_mosfet	International Rectifier	IRLR3636PbF	1698302	1,890 €	IRLR3636
1	LM2575	LM2575-TO263	TO263-5	IC2	SIMPLE SWITCHER 1A Step-Down Voltage Regulator	weklin_regulator		LM2575HVS-5.0/NOPB	1469170	5,040 €	LM2575
1	LS7366R	LS7366R-TS-TSSOP14	TSSOP14	U3	32-bits quadrature counter IC with SPI	weklin_ic_special		LS7366R-TS	N.A.	5,000 €	LS7366R
3	LTC4444-5	LTC4444EMS8EPBF	MSOP8	U4, U5, U6	High Voltage Synchronous N-Channel MOSFET Driver	weklin_mosfet_driver		LTC4444EMS8E-5#PBF	1628762	4,170 €	LTC4444-5
1	MCP2562	MCP2562-E/SN-SOIC8	SOIC8	U1	High-Speed CAN Transceiver	weklin_ic_can		MCP2562-E/SN	2362839	1,120 €	MCP2562
3	MMDL770T1G	DIODE-MMDL770T1G	SOD323	D4, D5, D6	Diode	weklin_diode		MMDL770T1G	2317690	0,034 €	MMDL770T1G
2	Micro-Lock	MICROLOCK-4CMS	504195-0470	J1, J2	Connecteur MOLEX de 4 Contacts Série Mini50	weklin_micro-lock	Molex	504195-0470	2445490	0,713 €	Micro-Lock
1	Mini-Fit	MINI-FIT-JR-025569-NA1	5569-02	X2	Mini-Fit Jr connector 2 way	weklin_mini-fit	Molex	39-29-1028	1012166	0,506 €	Mini-Fit
1	Mini-Fit	MINI-FIT-JR-085569-NA1	5569-08	X3	Mini-Fit Jr connector 2 way	weklin_mini-fit	MOLEX	39-29-1088	9732160	1,270 €	Mini-Fit
1	Minitek_6way	MINITEK_127_6WAYS-SMD	MINITEK_127_6WAY_SMD	X1	Board-To-Board Connector, Micro-MaTch Series, Embase, 6voies.	weklin_connector	Minitek	20021121-00006C4LF	1865277	0,333 €	Minitek_6way
1	Red	LEDVLD51235G	VLD	D1	Led	weklin_led		VLD51235G	2494682	0,003 €	Red
1	XA-5C	XA-5-RIGHT_ANGLE	S05B-XASK-1	J3	Connector JST XA 5 way	weklin_xa		S05B-XASK-1(LF)(SN)	9492160	0,546 €	XA-5C
1	Yellow	LED-VLDY1235G	VLD	D2	Led	weklin_led		VLDY1235G	2494684	0,003 €	Yellow