

KOOZ BOM

Part	Value	Device	Package	Description	Vendor	Code	Price
C1	0.1uF	CAP0402-CAP	0402-CAP	Capacitor	TME	0402YD104KAT2A	€ 0,00247
C2	0.1uF	CAP0402-CAP	0402-CAP	Capacitor	TME	0402YD104KAT2A	€ 0,00247
C3	0.1uF 16V	CAP0402-CAP	0402-CAP	Capacitor	TME	L05B104K05NNNC	€ 0,00177
C4	10uF 25V	CAP0603-CAP	0603-CAP	Capacitor	DIGIKEY	490-7202-1-ND	€ 0,11890
C5	0.1uF	CAP0402-CAP	0402-CAP	Capacitor	TME	0402YD104KAT2A	€ 0,00247
C6	10uF 25V	CAP0603-CAP	0603-CAP	Capacitor	DIGIKEY	490-7202-1-ND	€ 0,11890
C7	1uF	CAP0402-CAP	0402-CAP	Capacitor	TME	CL05A105KQ5NNNC	€ 0,00297
C8	0.1uF	CAP0402-CAP	0402-CAP	Capacitor	TME	0402YD104KAT2A	€ 0,00247
C9	0.1uF	CAP0402-CAP	0402-CAP	Capacitor	TME	0402YD104KAT2A	€ 0,00247
C10	1uF	CAP0402-CAP	0402-CAP	Capacitor	TME	CL05A105KQ5NNNC	€ 0,00297
IC1	ZXCT1008	ZXCT1008	S0T23	Current Sensor	DIGIKEY	ZXCT1008FCT-ND	€ 0,50774
IC2	AP2112K-3.3	5PIN_REG	S0T23-5	LDO	DIGIKEY	AP2112K-3.3TRG1DICT-ND	€ 0,12147
IC3	MCP9700SMD	MCP9700SMD	S0T23-3	Temperature sensor	TME	MCP9700AT-E/TT	€ 0,26600
J1	5267-4	5267-4	5267-4	Molex connector	TME	MX-5267-04A	€ 0,05710
J2	5267-4	5267-4	5267-4	Molex connector	TME	MX-5267-04A	€ 0,05710
R1	0,05	RESISTOR	1206-RES	Resistor	DIGIKEY	CSR1206FK50L0TR-ND	€ 0,09827
R2	1K	RESISTOR0402	0402-RES	Resistor	TME	SMD0402-1K-1%	€ 0,00250
R3	4.7K	RESISTOR	1206-RES	Resistor	TME	SMD1206-4K7	€ 0,00400
R4	1K	RESISTOR0402	0402-RES	Resistor	TME	SMD0402-1K-1%	€ 0,00250
R5	1K	RESISTOR0402	0402-RES	Resistor	TME	SMD0402-1K-1%	€ 0,00250
U1	LPC1224/25-LQFP48	LPC1224/25-LQFP48	LQFP48	NXP Semiconductors	DIGIKEY	568-5153-ND	€ 1,87739
U2	DRV8837	DRV8837	DSG	Motor driver 1,8A	DIGIKEY	296-34786-2-ND	€ 0,50600
						TOTAL	€ 3,76041