





Comment	Description	Designator	Footprint	LibRef	Quantity	Supplier Part Num	Supplier Part Num	Supplier2	Supplier 1	Supplier 2
100nF	Capacitor	C1, C5, C10, C11, C12	0805	Cap	20		2534051		Farnell	
220uF/16V	Polarized Capacitor (10mm)	C2	C2917	Cap Pol	1		1754097		Farnell	
1uF	1µF	C4	TAN-A	CAP SMD 0603 X5R	1		2533954		Farnell	
10nF	0603 X7R 10NF	C6, C24	0805	CAP SMD 0603 X7R	2		2534055		Farnell	
1nF	Capacitor	C7	0805	Cap	1		2534060		Farnell	
10pF	Capacitor 0402 / 0603	C8, C25	0805	Capacitor_ST	2		2812149		Farnell	
30pF	Capacitor	C9	0805	CAP	1		2905258		Farnell	
220nF	Capacitor,885012207	C12, C15	0805	Cap	2		2495198		Farnell	
2.2uF	Capacitor,2.2uF,16V	C22	TAN-A	Cap_2.2uF_X7R_10%	1		1759441		Farnell	
STLZ 950WH2	Series 3055 - 5.08mm	CN1	691305540002	691305540002	1		53-03-89		RET	
MC000130	Serie 3053 - 3.81mm	CN3	691305340004	691305340004	1		2008110		Farnell	
MC 1,5/ 5-G-3,81	Right Angle, Header,	CN4	691305340005	691305340005	1		3704750		Farnell	
1862540000	Terminal Block, Head	CN5	691305340009	Header 9	1		2853091		Farnell	
SS22FA	Schottky Rectifier, 20	D1	SMB	D Schottky	1		2992274RL		Farnell	
CDSOT23-SM712	TVS Diode, CDSOT23	D2, D3	SO T-23	CDSOT23-SM712	2		1824869		Farnell	
FK 222/220SA	25mm széles méret:3	HS1, HS2	HEAT-FK222	Header 2	2		35-00-76		RET	
Header 36X2	Header, 36-Pin, Dual	J1	HDR_2x36_2R54_V	Header 36X2	1					
Header 10X2	Header, 10-Pin, Dual	J2	HDR2X10-100MIL	Header 10X2	1					
Header 4X2	Header, 4-Pin, Dual	J3	HDR2X4-100MIL	Header 4X2	1					
Header 3	Header, 3-Pin	JP2, JP5	SIP3	Header 3	2					
47uH/60mA	47uH/60mA ,7447641	L1	1210	Inductor	1		2471639		Farnell	
4K7	Resistor, Resistor 080	R1, R24, R29	0805	res1, Resistor_ST	3		2861530		Farnell	
33K/1W	Resistor 2512, CRGC	R2, R3, R8, R9	2512	Res1	4		2861784		Farnell	
15K	Resistor 0805, CPF-A	R4, R11	0805	Res1	2		2483958		Farnell	
0/1W	Resistor 2512, RC25	R5, R10	2512	Res1	2		9235825		Farnell	
18K	Resistor 0805, CRGC	R6	0805	Res1	1		2861537		Farnell	
36K	Resistor 0805, MCWH	R7	0805	Res1	1		2447643		Farnell	
75K	Resistor 0805, CRGC	R12	0805	Res1	1		2861544		Farnell	
33K	Resistor 0805,CRGC	R13	0805	Res1	1		2861540		Farnell	
10K	Resistor 0805 1%, CR	R14, R22, R26	0805	Res1	3		2861534		Farnell	
10	Resistor 0805, CRGC	R15, R16, R17, R18	0805	res1	4		2861498		Farnell	
120	Resistor 0805, CRGC	R19, R20	0805	res1	2		2861511		Farnell	
2k2	Resistor 0805, MCHP	R21, R25	0805	Resistor_ST	2		1576464		Farnell	
47K	Resistor 0805	R23, R27, R28	0805	res1	3		2861542		Farnell	
0	Resistor 0805	R30	0805	Res1	1		1099786		Farnell	
10 KOhm	Potentiometer, 75T tr	RP1	75T_potmeter	RPot	1		05-03-19		RET	
VREF		S1, S2, S3, S4, S5, S6	TP	TP	11					
BC847C	NPN Bipolar Transisto	T1, T3	SO T-23	NPN	2		1081235		Farnell	
IRLML2246TRPBF	P-C hannel MOSFET	T2, T4	SO T-23	MOSFET-P	2		1888166		Farnell	
LD1086V33	1.5A, Low Drop Positi	U1	TO 220	CMP-0244-00486-1	1		2806940		Farnell	
M24M02-DRMN6TP	2-Mbit serial I²C bus E	U2	SOIC-8	M24M02-DRMN6TP	1		2849970		Farnell	
TLC271CD	1 A mplifier, 1.3 MHz,	U3, U4, U5, U6	SOIC-8	Op Amp	4		3117885		Farnell	
REF01CSA+	+10V Precision Volta	U7	SOIC-8	REF01CSA+	1		2518579		Farnell	
L4940V5	1.5A Very Low Drop	U8	TO 220	CMP-0244-00429-1	1		9756060		Farnell	
LM4050BEM3-3.0+T	Precision Micropower	U9	sot-23	LM4050AEM3-2.0	1		2909732		Farnell	
MAX485ESA+	CMOS Differential Bu	U10, U11	SOIC-8	MAX485	2		38-09-58		RET	
SN74LV1T34DCKR	Single Power Supply	U12, U13, U14, U15,	SO T-235L	SN74LV1T34DCKR	5	296-37177-2-ND	595-SN74LV1T34DCKR		Mouser	Digi-Key