

Lista de Materiais

Item	Quantity	Designator	Manufacturer Part Number	Description	Supplier 1	Supplier Part Number 1	Supplier Stock 1	Supplier Unit Price 1	Supplier Subtotal 1
1	1	C1	CL31A106KBHNNNE	CAP CER 10UF 50V XSR 1206	DigiKey	1276-2876-1-ND	978471	USD 0,26	USD 0,26
2	4	C2, C5, C7, C9	CL21B104KACNNNC	CAP CER 0.1UF 25V X7R 0805	Digikey	1276-1099-1-ND	443767	USD 0,02	USD 0,15
3	2	C3, C4	CL21A226MAYNNNE	CAP CER 22UF 25V X5R 0805	Digikey	1276-CL21A226MAYNNNECT-ND	715343	USD 0,21	USD 0,42
4	2	C6, C8	C2012X5R1E475K125AB	CAP CER 4.7UF 25V X5R 0805	DigiKey	445-4116-1-ND	2035695	USD 0,27	USD 0,54
5	1	CONN1	TSW-101-07-G-D	CONN HEADER VERT 2POS	Digikey	SAM1028-01-ND	3911	USD 0,51	USD 0,51
6	1	D1	SMBJ28CAQ-13-F	TVS DIODE 28VWM 45.4VC SMB	Digikey	SMBJ28CAQ-13-FDICT-ND	70167	USD 0,36	USD 0,36
7	2	D2, D11	MMSZ5245B-TP	DIODE ZENER 15V 500MW SOD123	Digikey	MMSZ5245B-TPMSCT-ND	561126	USD 0,10	USD 0,20
8	5	D3, D4, D8, D12, D16	LTST-C170GKT	LED GREEN CLEAR SMD	Digikey	160-1179-1-ND	559647	USD 0,24	USD 1,20
9	5	D5, D6, D13, D14, D15	MBR120VLSFT1G	DIODE SCHOTTKY 20V 1A SOD123FL	Digikey	MBR120VLSFT1GOSCT-ND	26839	USD 0,56	USD 2,80
10	1	D7	SMAJ5.0A-13-F	TVS DIODE 5VWM 9.2VC SMA	DigiKey	SMAJ5.0A-FDICT-ND	26481	USD 0,28	USD 0,28
11	1	D9	LTST-C171TBKT	LED BLUE CLEAR CHIP SMD	Digikey	160-1645-1-ND	12725	USD 0,32	USD 0,32
12	1	D10	SMBJ6.0CA-TR	TVS DIODE 6VWM 10.3VC SMB	Digikey	497-7454-1-ND	3849	USD 0,46	USD 0,46
13	4	J1, J4, J5, J8	5447861	TERM BLOCK PLUG 2POS STR 3.81MM	Digikey	277-11343-ND	111587	USD 1,15	USD 4,60
14	4	J2, J3, J6, J7	5444262	TERM BLOCK HDR 2POS 90DEG 3.81MM	Digikey	277-11313-ND	196540	USD 0,39	USD 1,56
15	1	L1	1255AY-4R7M=P3	FIXED IND 4.7UH 4A 23 MOHM SMD	Digikey	490-10812-1-ND	129655	USD 0,47	USD 0,47
16	2	LG1, LG2							
17	3	R1, R10, R14	RC0805FR-0710KL	RES 10K OHM 1% 1/8W 0805	Mouser	603-RC0805FR-0710KL	1166069	USD 0,02	USD 0,17
18	1	R2	RC0805FR-071KL	RES 1K OHM 1% 1/8W 0805	Digikey	311-1.00KCRCT-ND	1222330	USD 0,10	USD 0,10
19	2	R3, R12	CRG0CQ0805F100K	RES 100K OHM 1% 1/8W 0805	Digikey	A129773CT-ND	237373	USD 0,10	USD 0,20
20	5	R4, R5, R7, R15, R16	CRG0CQ0805J470R	RES 470 OHM 5% 1/8W 0805	Digikey	A130132CT-ND	800076	USD 0,03	USD 0,27
21	1	R6	ERJ-6ENF2001V	RES SMD 2K OHM 1% 1/8W 0805	DigiKey	P2.00KCCT-ND	109011	USD 0,11	USD 0,11
22	1	R8	RC0805FR-071ML	RES 1M OHM 1% 1/8W 0805	Digikey	311-1.00MCRCT-ND	170662	USD 0,10	USD 0,10
23	1	R9	RC0805FR-07270KL	RES 270K OHM 1% 1/8W 0805	Mouser	603-RC0805FR-07270KL	24540	USD 0,10	USD 0,10
24	1	R11	RC0805FR-0716KL	RES 16K OHM 1% 1/8W 0805	Digikey	311-16.0KCRCT-ND	147633	USD 0,10	USD 0,10
25	1	R13	RC0805FR-13330KL	RES 330K OHM 1% 1/8W 0805	Digikey	13-RC0805FR-13330KLCT-ND	22146	USD 0,10	USD 0,10
26	4	SCW1, SCW2, SCW3, SCW4		SCREW_M3					
27	4	STF1, STF2, STF3, STF4		HEX STANDOFF MX30.5 BRASS 15MM					
28	2	T1, T4	DMP4065S-7	MOSFET P-CH 40V 2.4A SOT23	Digikey	DMP4065S-7DICT-ND	25903	USD 0,44	USD 0,88
29	1	T2	DDTC143ZCA-7-F	TRANS PREBIAS NPN 200MW SOT23-3	Digikey	1727-3045-1-ND	11117	USD 0,15	USD 0,15
30	1	T3	PJA3415_R1_00001	MOSFET P-CHANNEL 20V 4A SOT23	Digikey	3757-PJA3415_R1_00001CT-ND	18943	USD 0,33	USD 0,33
31	1	U1	AP63205WU-7	IC REG BUCK 5V 2A TSOT23-6	Digikey	AP63205WU-7DICT-ND	25282	USD 1,32	USD 1,32
32	1	U2	MCP73831T-2ACI/OT	IC BATT CNTL LI-ION 1CEL SOT23-5	Digikey	MCP73831T-2ACI/OTCT-ND	85924	USD 0,76	USD 0,76
33	1	U3	TLV7031QDBVRQ1	AUTOMOTIVE NANO POWER COMPARATOR	Digikey	296-TLV7031QDBVRQ1CT-ND	14457	USD 0,72	USD 0,72
34	1	U4	LM4041DYM3-1.2-TR	IC VREF SHUNT 1% SOT23-3	Digikey	576-2572-1-ND	39057	USD 0,36	USD 0,36
	69								USD 19,