

Item	Quantity	Reference	Part / Value	Voltage / Watt / Ampere	Type / TECHNOLOGY informations	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number
1	1	CN5	SSQ-110-01-F-S		HEADER			SAMTEC	SSQ-110-01-F-S
2	2	CN6,CN9	SSQ-108-01-F-S		HEADER			SAMTEC	SSQ-108-01-F-S
3	2	CN7,CN10	ESQ-119-24-G-D		HEADER			SAMTEC	ESQ-119-24-G-D
4	1	CN8	SSQ-106-01-F-S		HEADER			SAMTEC	SSQ-106-01-F-S
5	1	C1	3.3NF	50v	CER	15%	603	N.A.	3.3NF_50V_X7R_0603
6	1	C2	2.2UF	16V	CER	20%	603	N.A.	2.2UF_16V_X5R_0603
7	1	C3	NP	16V	ALU	20%	D5_H11_P2	WURTH ELECTRONIK	860010372002
8	1	C4	22UF	16V	ALU	20%	L4.5_W4.5	WURTH ELECTRONIK	865080340003
9	1	C5	1NF	50V	CER	15%	603	N.A.	1NF_50V_X5R_0603
10	1	C6	10NF	50V	CER	15%	603	N.A.	10NF_50V_X7R_0603
11	3	C7,C8,C9	680PF	50V	CER	15%	603	N.A.	680PF_50V_X7R_0603
12	2	C10,C15	100NF	100V	CER	15%	603	N.A.	100NF_100V_X7R_0603
13	1	C11	4.7UF	25V	CER	15%	603	N.A.	4.7UF_25V_X7R_0603
14	3	C12,C13,C14	10PF	50V	CER	10%	603	N.A.	10PF_50V_COG_0603
15	3	D1,D2,D3	YELLOW		LED		805	WURTH ELECTRONIK	150080YS75000
16	1	D5	RED		LED		805	WURTH ELECTRONIK	150080RS75000
17	9	D6,D7,D8,D9,D10,D11,D12,D13,D14	BAT30KFILM		SCHOTTKY		SOD523	STMICROELECTRONICS	BAT30KFILM
18	1	J1	691213510002		SCREW			WURTH ELECTRONIK	691213510002
19	1	J2	691213510003		SCREW			WURTH ELECTRONIK	691213510003
20	1	J3	61300511121		HEADER			WURTH ELECTRONIK	61300511121
21	1	J4	61300211121		HEADER			WURTH ELECTRONIK	61300211121
22	3	M1,M2,M3	OPTICAL_TARGET		OPTICAL_TARGET			N.A.	OPTICAL_TARGET
23	1	R1	0R	1/8W	RES	5%	805	N.A.	0R_5%_0805
24	5	R2,R16,R34,R35,R36	NP		RES		603	N.A.	R_NP_0603
25	1	R3	18K	1/10W	RES	5%	603	N.A.	18K_5%_0603
26	1	R4	39K	1/10W	RES	5%	603	N.A.	39K_5%_0603
27	2	R5,R11	330R	1/10W	RES	5%	603	N.A.	330R_5%_0603
28	2	R6,R7	0R68	1/3W	RES	1%	805	N.A.	0R68_1%_0805_0.33W
29	3	R8,R9,R10	2.2K	1/8W	RES	5%	805	N.A.	2.2K_5%_0805
30	1	R12	1K	1/2W	TRIMMER	10%	L7_W7_H5.8	COPAL ELECTRONICS	CT-6EP102
31	1	R13	30K	1/10W	RES	5%	603	N.A.	30K_5%_1/10W
32	7	R14,R18,R20,R22,R31,R32,R33	10K	1/10W	RES	5%	603	N.A.	10K_5%_0603
33	2	R15,R27	0R	1/10W	RES	5%	603	N.A.	0R_5%_0603
34	6	R17,R19,R21,R24,R25,R26	2.2K	1/10W	RES	5%	603	N.A.	2.2K_5%_0603
35	1	R23	680R	1/10W	RES	5%	603	N.A.	680R_5%_0603
36	3	R28,R29,R30	1.8K	1/10W	RES	5%	603	N.A.	1.8K_5%_0603
37	3	TP1,TP2,TP3	S1751-46R		TEST POINT			HARWIN	S1751-46R
38	1	U1	STSPIN230		DRIVER		QFN16	STMICROELECTRONICS	STSPIN230
39	1	U2	SN74LVC1G125DCKR		LOGIC		SOT353	TEXAS INSTRUMENTS	SN74LVC1G125DCKR
40	1	U3	TSV991ILT		AMPLIFIER		SOT23-5	STMICROELECTRONICS	TSV991ILT