

## Bill of Material for Parent unit

ITEM	Description	Quantity	Components
	<b>PARENT UNIT ASSY DIG3 US 2797</b>		
1	TDC, SPK 8R 0.25W 23X3.5MM	1	SP1
2	OSC, CTAL 32.768K -28/-16PPM	1	X2
3	MOTOR, DC 3V D006XL017MM 900D	1	MOT1
4	FPC CABLE RXCON 031X059 27	1	
5	LED, GEN RED/GREEN 3MM 3ARG9HW3B	1	D1
6	LED, GEN GREEN 3MM 3CG4HD00	4	D3~6
7	COIL, 22UH 10% HL0406-220K	1	L6
8	PCB, 6L FR4 94V0 1.0mmX 57mmX54mm 2797	1	
9	CAP,SMD CER 0.5PF COG +/-0.25P 50V 0402	3	C108.150.151
10	CAP,SMD CER 2PF COG +/-0.25P 50V 0402	1	C105
11	CAP,SMD CER 1.2PF COG +/-0.25P 50V 0402	2	C34.106
12	CAP,SMD CER 10PF COG 5% 50V 0402	19	C114.115.23.104.103.67.68.72.73.90.97.59.35 .37.38.40.53.17,29
13	CAP,SMD CER 120PF COG 5% 50V 0402	1	C91
14	CAP,SMD CER 470PF COG 5% 50V 0402	1	C11
15	CAP,SMD CER 20PF COG 5% 50V 0402	3	C92
16	CAP,SMD CER 22PF COG 5% 50V 0402	3	C48.41.42
17	CAP,SMD CER 30PF COG 5% 50V 0402	2	C126.127
18	CAP,SMD CER 33PF COG 5% 50V 0402	5	C83.107.87.94.39
19	CAP,SMD CER 68PF COG 5% 50V 0402	1	C95
20	CAP,SMD CER 220PF COG 5% 50V 0402	1	C52
21	CAP,SMD CER 1000PF X7R 10% 50V 0402	4	C102.22.36.14
22	CAP,SMD CER 4700PF X7R 10% 50V 0402	1	C110
23	CAP,SMD CER 0.01UF X7R 10% 16V 0402	7	C120.121.62.7-9.81
24	CAP,SMD CER 0.1UF X5R 10% 10V 0402	37	C4.5.6.26.30.69.80.99.116.18.20.93.65.70.75. 74.84.88.13.122.47.61.31.32.98.117.118.119. 58.16.21.55.57.112.113.124,C130
25	CAP,SMD CER 1UF Y5V +80/-20% 10V 0603	11	C1.2.100.96.15.28.128.51.33.111,C131
26	CAP,SMD CER 2.2UF Y5V +80/-20% 16V 0805	1	C79
27	CAP,SMD CER 4.7UF Y5V +80/-20% 10V 0805	13	C49.125.66.71.76.77.82.85.89.109.10.12.123
28	CAP,SMD CER 10UF X5R 10% 10V 0805	1	C101
29	CAP,SMD CER 10UF X7R 10% 10V 1206	3	C64.78.56
30	COIL SMD, 1.8NH +/-0.3NH SGHI1005H1N8ST	2	L13
31	COIL SMD, 3.3NH +/-0.3NH SGHI1005H3N3 0	3	L9.14.15
32	COIL SMD, 8.2NH +/-0.3NH SGHI1005H8N2 0	2	L6.7
33	COIL SMD, 22NH 5% SGHI1005H22N 0402	1	L12
34	RES SMD, TF 0R 5% 1/10 W 0805	7	L1-5,L300,R14
35	RES SMD, TF 0R 5% 1/16 W 0402	8	R91.115.116.28.54.17,R12,R2
36	RES SMD, TF 10R 5% 1/16 W 0402	6	R60.65.88.89.118.80
37	RES SMD, TF 10R 5% 1/10 W 0805	2	L16.11
38	RES SMD, TF 22R 5% 1/16 W 0402	5	R11.10.9.18.63
39	RES SMD, TF 300R 5% 1/16 W 0402	1	R49,50
40	RES SMD, TF 680R 5% 1/16 W 0402	4	R4,43,31,119
41	RES SMD, TF 1K 5% 1/16 W 0402	5	R90.29.45.62.35
42	RES SMD, TF 3.4K 1% 1/16 W 0402	1	R1
43	RES SMD, TF 4.7K 5% 1/16 W 0402	1	R79
44	RES SMD, TF 5.6K 5% 1/16 W 0402	2	R24.81
45	RES SMD, TF 10K 1% 1/16 W 0402	14	C60.C44
46	RES SMD, TF 15K 5% 1/16 W 0402	3	R61.22,152
47	RES SMD, TF 20K 5% 1/16 W 0402	1	R42
48	RES SMD, TF 27K 5% 1/16 W 0402	1	R19.114
49	RES SMD, TF 30K 5% 1/16 W 0402	1	R168
50	RES SMD, TF 33K 5% 1/16 W 0402	1	R44

工作表1

51	RES SMD, TF 39K 5% 1/16 W 0402	1	R92
52	RES SMD, TF 56K 5% 1/16 W 0402	1	R96
53	RES SMD, TF 91K 5% 1/16 W 0402	1	R95
54	RES SMD, TF 100K 5% 1/16 W 0402	20	R48.74.69.101.107.106.73.66.25.26.27.34.75. 40.64.6.94.16,R76,R30
55	RES SMD, TF 150K 1% 1/16 W 0402	2	R5.53
56	RES SMD, TF 220K 1% 1/16 W 0402	3	R41.47.52
57	RES SMD, TF 470K 5% 1/16 W 0402	2	R13.23
58	TRANS,SMD BP-TRANS NPN 3904 SOT-23	2	Q3.5
59	TRANS,SMD BP-TRANS PNP 3906 SOT-23	1	Q6
60	IC,SMD POWER ME2307 SOT-23	2	Q1,2
61	DIODE,SMD SWITCH PMLL4148 SOT-23	3	D3.4.17
62	DIODE,SMD RECT M7 DO-214AC	1	D5
63	DIODE,SMD SHKY B5817W SOD-123	1	D7
64	OSC SMD, CTAL 26M +/-10PPM 10PF HC-49/S	1	X1
65	FILTER SMD, CER 2.45GHZ +/-50MHZ SLFL21	1	F1
66	LED SMD, GEN RED/GREEN BL-HGEUB36H OTHE	2	D1,2
67	IC,SMD RF A71C21AQF QFN32L	1	U3
68	IC,SMD RF BFG425W SOT-343	2	Q4,Q7
69	IC,SMD MCU CP2900 FBGA169	1	U1
70	IC,SMD POWER EUP7967-18VIR1 SOT-23-5	1	U9
71	IC,SMD POWER EUP7967-28VIR1 SOT-23-5	1	U11
72	IC,SMD POWER EUP7967-33VIR1 SOT-23-5	2	U12,16
73	IC,SMD POWER AME8890TEEVZ SOT-23-5	1	U15
74	IC,SMD POWER EUP8051-42MIR1 MSOP-8	1	U10
75	IC,SMD POWER YD8602 SOP8	1	U6
76	IC,SMD CMOS MLX90248 SOT-23	1	U8
77	IC,SMD DIGITAL MC74HC595A TSSOP16	1	U13
78	IC,SMD EEPROM S25FL080A SOIC-8 OTP	1	U5
79	IC,SMD DIGITAL 74LVX4066D TSSOP-14	1	U7
80	JACK DC DC-033 D1.00MM	1	J8
81	SWITCH TACH SWITCH TC-00250-PA	3	S1.3.4
82	IC,SMD AUDIO UTC8602 SOP8	1	U6
83	OSC SMD, CTAL 18M 10PPM 20PF HC-49/SS-S	1	Y1
84	IC,SMD SDRAM IS42S16100C1 TSOP50	1	U2
85	RES SMD, TF 0.7R 1% 1/4 W 1206	1	R86
86	COIL SMD, 1.8NH +/-0.3NH SGH1608H1N8 06	1	L10
87	IC,SMD POWER BL8558-33PRN SOT-23-5	1	U14
88	CAP,SMD CER 1UF X5R 10% 6.3V 0402	1	C25
89	CAP,SMD CER 15PF COG 5% 50V 0402	2	C3.43
90	PCB, 2L FR4 LCD 1.0mm X53X52 2797	1	
91	RES SMD, TF 0R 5% 1/16 W 0603	7	R2.8.16.141.150.3.R148
92	RES SMD, TF 1K 5% 1/10 W 0603	2	R145.12
93	RES SMD, TF 10K 5% 1/10 W 0603	2	R1.10
94	RES SMD, TF 100K 5% 1/10 W 0603	1	R142
95	CAP,SMD CER 0.1UF X7R 10% 50V 0603	2	C1.2
96	CAP,SMD CER 0.22UF Y5V +80/-20% 50V 080	2	C97.116
97	CAP,SMD CER 4.7UF Y5V +80/-20% 10V 0805	1	C95
98	FILTER SMD, EMI BLM21AG121SNID 0805	1	L300
99	DIODE,SMD SHKY B5817W SOD-123	1	D14
100	TRANS,SMD BP-TRANS NPN 3904 SOT-23	1	Q1
101	RES SMD, TF 330R 5% 1/16 W 0603	1	R50
102	RES SMD, TF 910R 1% 1/10 W 0603	5	R5.6.7.9.43
103	RES SMD, TF 15R 5% 1/10 W 0603	1	R143
104	CONN GEN PH-2A 2791	1	J9
105	LCD, MISC INDICATOR CTM176220N01	1	J2