

Fitted Options - DTMF, 5 Tone

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Item	Quantity	Reference	Part	Part Code	Description^
1	1	R86 0R 1001-0000	SMT RESISTOR 1/16W 5% 0603 0R		
2	4	R136,R137,R148,R149 100R	1001-1010	SMT RESISTOR 1/16W 5% 0603 100R	
3	10	R41,R45,R48,R53,R71,R72, R73,R74,R116,R117	1K 1001-1020	SMT RESISTOR 1/16W 5% 0603 1K	
4	19	R26,R29,R30,R37,R39,R42, R46,R47,R49,R62,R64,R66, R69,R120,R123,R124,R127, R134,R147	10K 1001-1030	SMT RESISTOR 1/16W 5% 0603 10K	
5	20	R1,R6,R7,R8,R10,R12,R13, R16,R23,R24,R44,R50,R63, R65,R67,R70,R121,R125, R131,R132	100K 1001-1040	SMT RESISTOR 1/16W 5% 0603 100K	
6	1	R25 1M 1001-1050	SMT RESISTOR 1/16W 5% 0603 1M		
7	1	R150 1K2 1001-1220	SMT RESISTOR 1/16W 5% 0603 1K2		
8	3	R112,R113,R114 12K 1001-1230	SMT RESISTOR 1/16W 5% 0603 12K		
9	28	R55,R56,R57,R58,R59,R60, R68,R79,R80,R81,R82,R83, R84,R85,R87,R88,R89,R92, R93,R94,R95,R96,R97,R98, R99,R100,R101,R152	150R 1001-1510	SMT RESISTOR 1/16W 5% 0603 150R	
10	1	R90 15K 1001-1530	SMT RESISTOR 1/16W 5% 0603 15K		
11	1	R52 220R 1001-2210	SMT RESISTOR 1/16W 5% 0603 220R		
12	5	R33,R51,R118,R122,R142	2K2 1001-2220	SMT RESISTOR 1/16W 5% 0603 2K2	
13	1	R5 22K 1001-2230	SMT RESISTOR 1/16W 5% 0603 22K		
14	1	R11 27K 1001-2730	SMT RESISTOR 1/16W 5% 0603 27K		
15	1	R15 270K 1001-2740	SMT RESISTOR 1/16W 5% 0603 270K		
16	2	R36,R143 3K3 1001-3320	SMT RESISTOR 1/16W 5% 0603 3K3		
17	2	R9,R130 330K 1001-3340	SMT RESISTOR 1/16W 5% 0603 330K		
18	3	R76,R77,R78 390R 1001-3910	SMT RESISTOR 1/16W 5% 0603 390R		
19	1	R3 43K 1001-4330	SMT RESISTOR 1/16W 5% 0603 43K		
20	1	R75 470R 1001-4710	SMT RESISTOR 1/16W 5% 0603 470R		
21	4	R4,R103,R133,R144 4K7 1001-4720	SMT RESISTOR 1/16W 5% 0603 4K7		
22	3	R14,R128,R129 47K 1001-4730	SMT RESISTOR 1/16W 5% 0603 47K		
23	2	R151,R145 470K 1001-4740	SMT RESISTOR 1/16W 5% 0603 470K		
24	1	R2 56K 1001-5630	SMT RESISTOR 1/16W 5% 0603 56K		
25	2	R126,R115 6K8 1001-6820	SMT RESISTOR 1/16W 5% 0603 6K8		
26	1	R43 680K 1001-6840	SMT RESISTOR 1/16W 5% 0603 680K		
27	1	R102 3R3 1004-3380	SMT RESISTOR 1W 5% 2512 3R3		
28	1	C2 100PF 1101-1012	SMT CAP C0G 5% 0603 100pF		
29	44	C40,C42,C43,C46,C49,C57, C58,C59,C60,C61,C62,C63, C64,C65,C66,C67,C68,C69, C71,C73,C74,C75,C76,C80, C81,C82,C84,C85,C86,C87, C88,C89,C90,C92,C93,C94, C95,C96,C103,C117,C118, C123,C124,C130	1nF 1101-1021	SMT CAP X7R 10% 0603 1nF	
30	3	C28,C34,C108 10nF 1101-1031	SMT CAP X7R 10% 0603 10nF		
31	1	C15 10nF 5% 1101-1032	SMT CAP X7R 5% 0603 10nF		
32	36	C4,C5,C6,C7,C10,C11,C14, C26,C27,C29,C35,C36,C37, C38,C39,C53,C54,C55,C56, C77,C78,C79,C83,C91,C97, C109,C110,C111,C112,C113, C120,C125,C126,C127,C128, C129	100nF 1101-1040	SMT CAP Y5V 20% 0603 100nF 16V	
33	2	C30,C32 22PF 1101-2202	SMT CAP C0G 5% 0603 22pF		

34	1	C44	220PF	1101-2212	SMT CAP C0G 5% 0603 220pF
35	2	C107,C106	2N2 5%	1101-2222	SMT CAP X7R 5% 0603 2.2nF
36	6	C1,C3,C8,C9,C12,C31	47PF	1101-4702	SMT CAP C0G 5% 0603 47pF
37	7	C24,C25,C100,C104,C116,C119,C121	1uF	1102-1050	SMT CAP Y5V 20% 0805 1uF 16V
38	1	C105	470NF	1102-4740	SMT CAP Y5V 20% 0805 470nF 16V
39	3	C50,C52,C122	1uF 25V	1120-1085	SMT TANT CAP 1uF 25V CASE A
40	1	C51	3.3uF 6.3V	1120-3385	SMT TANT CAP 3.3uF 6.3V CASE A
41	1	C45	100uF 16V	1150-1010	ELECTRO RADIAL 100uF 16V
42	1	C41	47uF 63V	1150-4703	ELECTRO RADIAL 47uF 63V
43	1	C48	470uF 6.3V	1156-4710	ELECTRO AXIAL 470uF 6.3V
44	3	Q1,Q7,Q11	BC847	1200-0001	SOT23 TRANSISTOR NPN BC847
45	6	Q3,Q4,Q6,Q8,Q9,Q10	RT1N141C	1200-0003	SOT23 TRANSISTOR NPN RT1N141C
46	1	Q5	2SD1781K	1200-0004	SOT23 TRANSISTOR NPN 2SD1781K
47	13	D2,D5,D6,D7,D9,D16,D17,D18,D20,D21,D22,D23,D24	BAS16	1210-0002	SOT23 DIODE SWITCHING BAS16
48	1	D4	BZX84C4V7	1212-0002	SOT23 ZENER DIODE 4.7V BZX84C4V7
49	1	D8	BZX84C18V	1212-0005	SOT23 ZENER DIODE 18V BZX84C18V
50	1	D10	BZX84C5V1	1212-0006	SOT23 ZENER DIODE 5.1V BZX84C5V1
51	1	U25	TL084	1230-0002	SO14 QUAD OPAMP TL084D (C)
52	1	U3	TA75W01FU	1230-0009	SM8 DUAL OP-AMP TA75W01FU
53	1	U7	MC68HC812A4	1231-0002	QFP MC68HC812A4CPV8
54	1	U19	MAX232CWE	1232-0001	SO16W RS232 TRX MAX232CWE
55	1	U18	74HC4060	1233-0008	SO16 74HC4060 T OR D SUFFIX
56	1	U26	4066	1233-0025	SO14 QUAD SWITCH 4066BM1 OR T
57	10	U13,U14,U16,U17,U20,U21,U22,U23,U33,U34		TC7S14F 1233-0028	SOT23-5 SCHMITT INVERTOR TC7S14F
58	1	U15	TC7W02F	1233-0029	SSOP8 DUAL NOR GATE TC4W02F
59	2	U27,U8	TC7SH04F	1233-0036	SOT23-5 INVERTOR TC7SH04F
60	4	U9,U30,U31,U32	TC4S66F	1233-0031	SOT23-5 CMOS SWITCH TC4S66F
61	1	U10	HM62256AFP-8T	1234-0006	SO28/330 32X X 8 SRAM 80ns HM62256AFP-8T
62	1	U28	8870POWER	1237-0007	SO18W DTMF FILTER/RX MT8870DS
63	1	U2	FX828D5	1237-0018	FX828D5
64	1	U1	FX829D5	1237-0019	FX829D5
65	1	U29	MAX823	1239-0001	MAX823 WATCHDOG/RESET SOT23
66	1	U11	AM29F010-70PC	1284-0009	DIL 32 AM29F010-70PC 128KX8 FLASH
67	1	U12	MC7805CT	1285-0004	TO220 5V 1A REG MC7805CT +FIXING
68	2	L2,L1	100UH	1321-0001	EC36101K AXIAL CHOKE 100uH
69	1	X2	8.064MHZ	1350-0001	HC49/4 8.064MHz CRYSTAL
70	1	X3	3.579545MHZ	1350-0002	HC49/4 3.579545MHz CRYSTAL
71	1	F1	1A	1420-0012	1A FUSE 1206 SMT418 SERIES
72	1	J1	HEADER4	1516-0003	4 WAY HEADER 0.1" PITCH
73	1	J2	HEADER2X3	1516-0017	2X3 WAY HEADER 0.1" PITCH
74	1	J9	53014-0810	1516-0022	8 PIN PCB PLUG 53014-0810
75	1	J11	53014-0710	1516-0021	7 PIN PCB PLUG 53014-0710
76	1	J3	HEADER 13X2	1524-0010	13 X 2 MX PIN HEADER 5532-26A
77	1	J10	HEADER 5	1524-0021	5 WAY JST UPRIGHT MALE B5B-ZR
78	1	J6	HEADER 4	1524-0058	4 WAY JST UPRIGHT MALE B4B-ZR
79	1	J4	HEADER 8	1524-0022	8 WAY JST UPRIGHT MALE B8B-ZR
80	2	J12,J7	HEADER 10	1524-0023	10 WAY JST UPRIGHT MALE B10B-ZR
81	1	SK1	32 PIN SK	1546-0010	32 pin x 0.6" IC SOCKET
82	1	CA6	CA01238/02	KYCA01238/02	CABLE ASSY CA01238/02 MICROPHONE
83	1	CA5	CA01238/04	KYCA01238/04	CABLE ASSY CA01238/04 ON OFF VOL
84	1	CA2	CA01238/06	KYCA01238/06	CABLE ASSY CA01238/06 LEDS
85	1	CA4	CA01238/07	KYCA01238/07	CABLE ASSY CA01238/07 DISPLAY
86	1	CA3	CA01238/08	KYCA01238/08	CABLE ASSY CA01238/08 REAR PANEL