

DTMF Decoder 3V3 BOM								
Item #	Reference Designator	Qty	Manufacturer	Mfg Part #	Description / Value	Package/Footprint	Type	Instructions / Notes
1	C2 C3 C4	3	Samsung	CL21B104KBCNNWC	CAP CER 0.1UF 50V X7R 0805	0805	SMD	
2	C1	1	Panasonic	ECW-F2105HA	Film Capacitor 1.0uF 250VDC 3% MPP L/S=15mm	Radial	THRU-HOLE	
3	J1 J2	2	Sullins	PREC002SAAN-RC	Connector Header Through Hole 2 position 0.1"	2POS	THRU-HOLE	
4	J3	1	Sullins	PREC007SAAN-RC	Connector Header Through Hole 7 position 0.1"	7POS	THRU-HOLE	
5	J4	1	Ckmtw(Shenzhen Cankemeng)	R-RJ11R06P-A800	RJ11 RJ Receptacle Modular Connector	6POS	THRU-HOLE	
6	R4 R5	2	Panasonic	ERJ-6GEYJ103V	RES SMD 10K OHM 5% 1/8W 0805	0805	SMD	
7	R1 R2	2	Panasonic	ERJ-6GEYJ104V	RES SMD 100K OHM 5% 1/8W 0805	0805	SMD	
8	R3	1	Panasonic	ERJ-6GEYJ304V	RES SMD 300K OHM 5% 1/8W 0805	0805	SMD	
9	T1	1	Bourns	SM-LP-5001E	Audio Transformer 600uH 7.36mm SMT Line Matching	SMT-6	SMD	
10	U1	1	Microchip Technology	MT88L70AS1	Telecom Interface 3 Volt DTMF Reveiver	SOIC-18	SMD	
11	Y1	1	ABRACON	ABLS2-3.579545MHZ-D4Y-T	CRYSTAL 3.579545MHZ 18PF SMD	HC-49/US	SMD	
12	Z1 Z2	2	Vishay Semiconductors	TZMC2V4-GS08	Zener Diodes 2.4 Volt 0.5 Watt 5%	SOD-80	SMD	