

APCS BOM	for Meng Qi PCB / Rev 2016		Circuit By Peter Blasser	
	Type	Value	Number	Comment
Fixed Components	Resistor	2k2	1	
		4k7	2	
		10k	20	
		22k	1	
		220k	10	
		1m	1	
	Transistor	BC547	15	
		BC557	5	
	Diode	2n3819	1	
		1n4007	1	
	Capacitor	100nF	1	CBB
		470uF	1	Electrolytic
		10uF	1	Electrolytic
	Audio Jack	YS215A	1	
	DC Jack	DC005	1	
	IC	LM386	1	DIP-8
	IC Socket	8p	1	
Customizable Components	Resistor	x resistors	40	choose between 100k-1m
	Capacitor	5 groups of 3 capacitors	15	similar in each group e.g. : 154 / 334 / 105 / 226 / 476 - 3 each
		"5 similar" capacitors	5	
		"coupling" capacitors	10	use 1nf or smaller for radio/ultrasound modulations
Optional	Speaker	Speaker	1	