

MB-727 (Single supply Electret mic pre-amplifier)

## BOM (Bill of materials)

Mubarak Native

Items #	Quantity	Value	Designator
1	3	2.2uf	C1,C4,C5
2	1	1k $\Omega$	R1
3	2	200k $\Omega$	R2,R3
4	2	10k $\Omega$	R5, R6
5	1	680 $\Omega$	R4
6	1	120pf	C6 (Ceramic cap)
7	1	0.1uf	C3 Add a <b>0.1 <math>\mu</math>F capacitor</b> near the op-amp's power pins to reduce noise and ensure stability.
8	1	33uf	C2
9	1		Lm833 Op-amp