

# DUAL ATTACK GENERATOR MODEL 180

<https://imustscream.cc>

## Resistors (1/4W, +-5%)

Value	Parts	Qty	Description
10R	R18, R59	2	
22R	R17, R58	2	
100R	R40, R64	4	
220R	R13, R21, R53, R62	4	
330R	R38, R79	2	
1k	R25, R34, R39, R68, R77, R80	6	
1.5k	R33, R75	2	
2.2k	R16, R22, R56, R65	4	
3.3k	R14, R54	2	
4.7k	R12, R32, R52, R76	4	
6.8k	R26, R69	2	
10k	R3, R4, R6, R8, R9, R19, R28, R29, R30, R31, R43, R45, R46, R48, R49, R60, R70, R72, R73, R74	20	
22k	R2, R10, R11, R42, R50, R51	6	
33k	R15, R55	2	
47k	R5, R7, R20, R23, R27, R44, R47, R63, R66, R71	10	
100k	R1, R24, R41, R67	2	
A50K	R36, R61	2	
A250K	R35, R37, R57, R78	4	

## Capacitors

910pF	C1, C2, C7, C8	4	
100nf	C4, C10	2	
1uf	C3, C9	2	
15uf	C5, C11	2	
100uF	C6, C12	2	

## Transistors

2N3904	Q1, Q2, Q3, Q4, Q6, Q8, Q10, Q12, Q13, Q14, Q15, Q16, Q17, Q18, Q19, Q22, Q24, Q26, Q27, Q28	20	
2N3906	Q5, Q7, Q9, Q11, Q20, Q21, Q23, Q25	8	

## Mechanical

Banana Jack (Black)	4	
Banana Jack (Red)	2	
Standoffs	4	
Small knobs	6	
Switches	2	