

BOM

Resistors

R1	1M
R2	10k
R3	470k
R4	10k
R5	10k
R6	1k
R7	100k
R8	10k
R9	10k
R10	22k
R11	10k
R12	10k
R13	22k
R14	10k
R15	33k
R16	10k
R17	10k
R18	10k
R19	10k
R20	10k
R21	10k
R22	100k
R23	56k
R24	1k
R26	10k
R27	10k
R28	100Ω
R29	10k
R30	10k
LDR1	10-20k light/2M dark

LDR2	10-20k light/2M dark
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Capacitors

C1	100n
C2	100p
C3	100p
C4	1μ
C5	10n
C6	10n
C7	10n
C8	10n
C9	2.2μ
C10	100μ
C11	100μ
C12	10μ
C13	10μ

Semiconductors

D1	1N5817
IC1	TL072
IC2	TL074
IC3	RC4558
LED1	Red 5mm LED
LED2	Red 5mm LED

Electromechanical

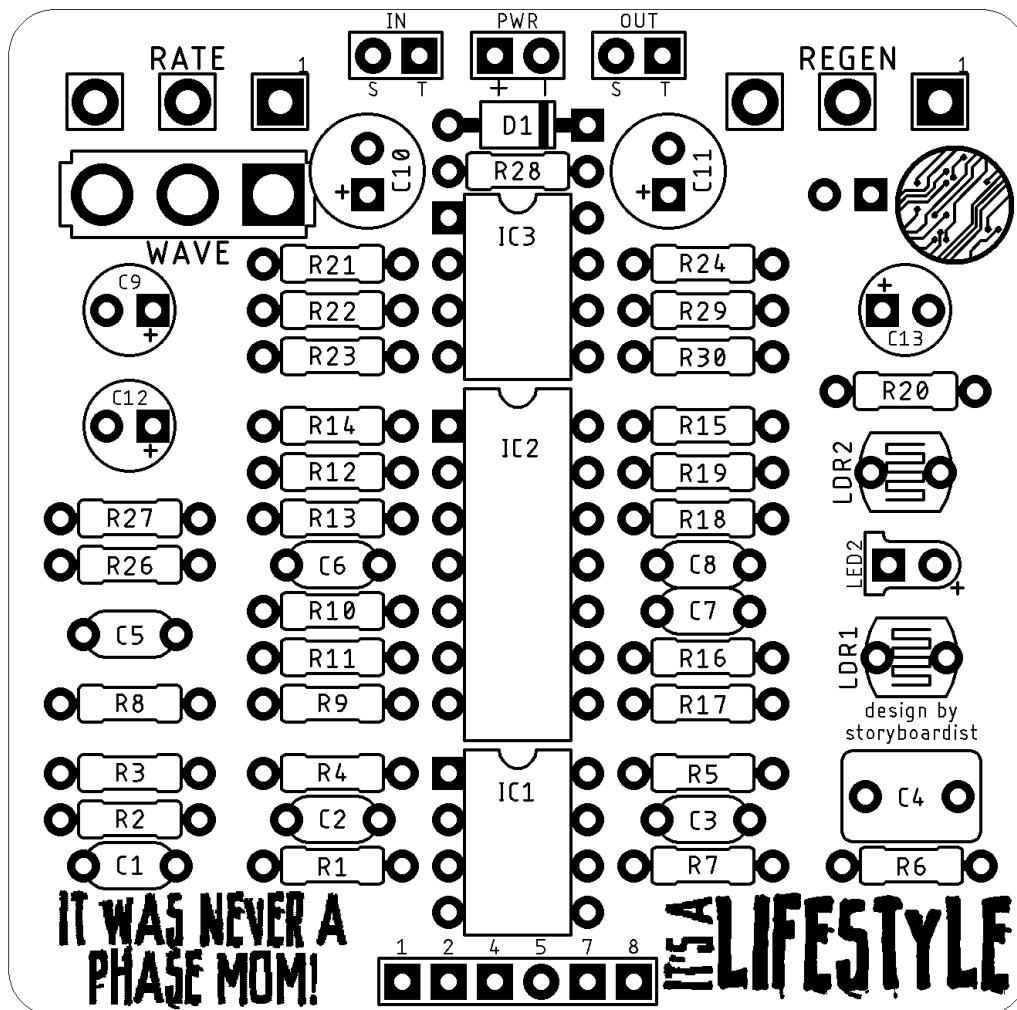
Rate	B1M
Regen	B100k
Wave	SPDT on/on

SHOPPING LIST

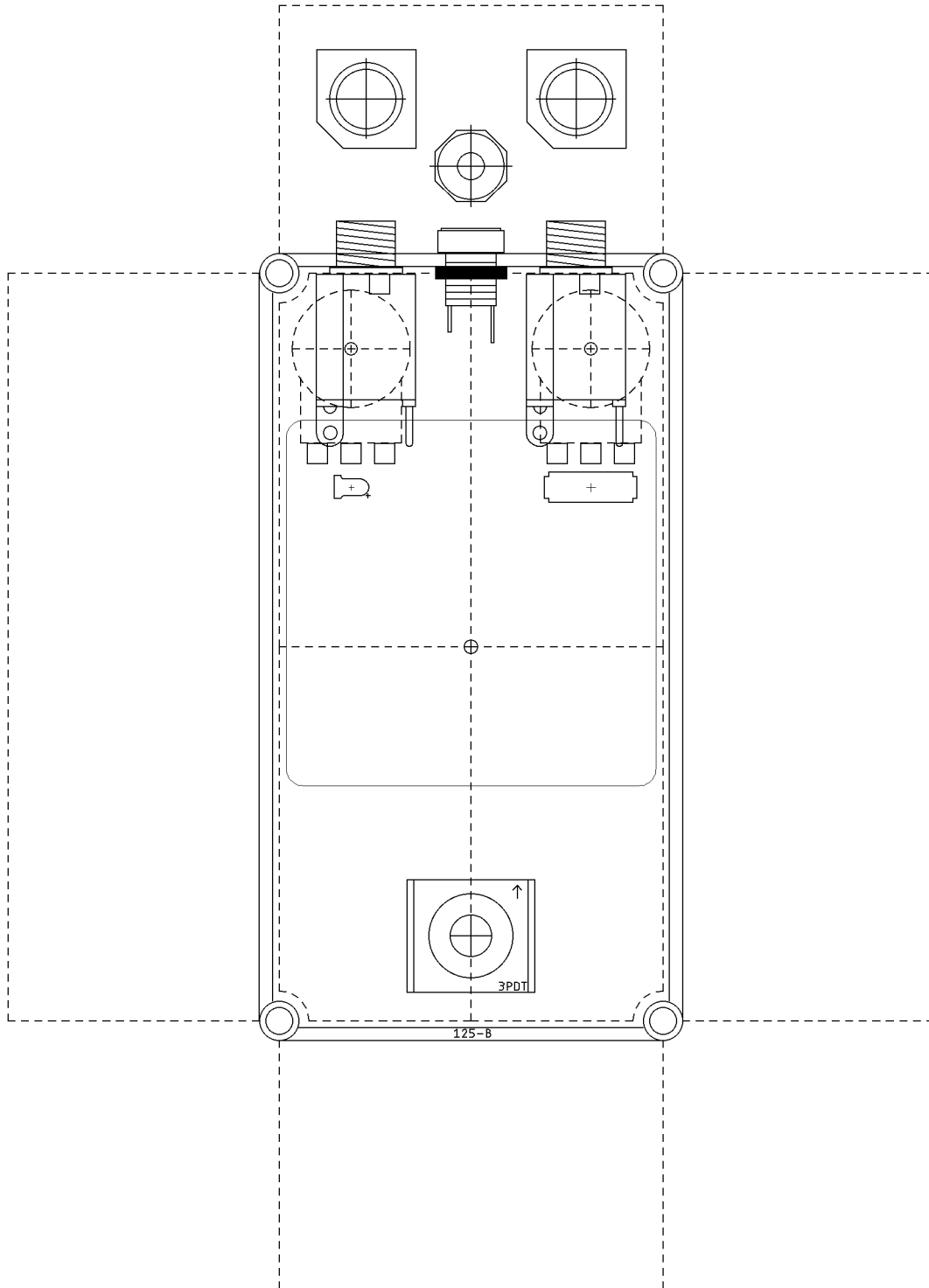
Value	Type (suggested)	Quantity
100Ω	¼ watt metal or carbon film	1
1k	¼ watt metal or carbon film	2
10k	¼ watt metal or carbon film	18
22k	¼ watt metal or carbon film	2
33k	¼ watt metal or carbon film	1
56k	¼ watt metal or carbon film	1
100k	¼ watt metal or carbon film	2
470k	¼ watt metal or carbon film	1
1M	¼ watt metal or carbon film	1

LDR	5528	2
100p	Ceramic	2
10n	Film	4
100n	Film	1
1μ	Film	1
2.2μ	Electrolytic (25v+)	1
10μ	Electrolytic (25v+)	2
100μ	Electrolytic (25v+)	2
1N5817	Schottky rectifier diode	1
RC4558	Dual opamp	1
TL072	Dual opamp	1
TL074	Quad opamp	1
LED	5mm red	2
B100k	16mm right angle PC mount	1
B1M	16mm right angle PC mount	1
SPDT	On/on toggle	1

LAYOUT



DRILL TEMPLATE (125B)



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Not for non-peer to peer resale.