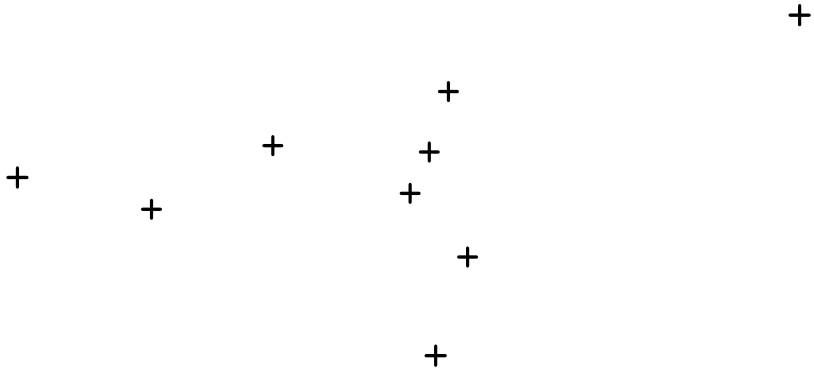
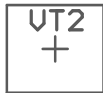


Comment	Description	Designator	Footprint	LibRef	Quantity
Ceramic capacitor, 0.1μF, X7R, ±10%, 16V, 0201, - 55...+125°C		C1	CAP: 0201	Ceramic_0201	1
IC op amplifier, Rail-to- Rail, 3 MHz, 2.7...5.5V, -40...+125°C, SOT23-5	OP amplifier	D1	SOT23-8	OPA2337EA/3K	1
Connector, 4pin, 1.25mm, 50VDC, 1A		In, Out, Vcc	CON: SM04B-GHS	Connector_SM04B	3
Resistor film, 100R, ±5%, 0402, 0.063W, - 55...+125°C		R1, R12	RES: 0402	Resistor_0402	2
Resistor film, 10k, ±5%, 0402, 0.063W, - 55...+125°C		R2, R3	RES: 0402	Resistor_0402	2
Resistor film, 100k, ±5%, 0402, 0.063W, - 55...+125°C		R4	RES: 0402	Resistor_0402	1
Resistor film, 5.1k, ±5%, 0402, 0.063W, - 55...+125°C		R5	RES: 0402	Resistor_0402	1
Resistor film, 1k, ±5%, 0402, 0.063W, - 55...+125°C		R6	RES: 0402	Resistor_0402	1
PNP transistor, 45V, 100mA, 100MHz, 300mW, 0.65V, 220, SOT-23, -55...+125°C		VT1	SOT23	BJT_PNP_132	1
NPN transistor, 45V, 100mA, 100MHz, 300mW, 0.6V, 420, SOT-23, -55...+125°C		VT2	SOT23	BJT_NPN_123	1







V_{CC}

In

R2

R5

C1

VT2
+

R3

R7

R6

Out

D1
+

VT1
+

R1
+

R4
+

VCC

In

R2

D1

VT1 R1

R1

R5 C1

VT2

R3 R6

R6

R3

R4

Out

VCC