

Designator	Package	Quantity	Designation	Mouser #	Other Supplier
R1	1/4W 1% resistor	1	1M	603-MFR-25F52-1M	
R2, R6	1/4W 1% resistor	2	220R	603-MFR-25F52-220R	
R3, R7-9, R16-17, R25-26, R33-34, R36, R38, R40	1/4W 1% resistor	13	1k	603-MFR-25F52-1K	
R4-5, R14-15, R23-24, R30-31, R35	1/4W 1% resistor	9	100k	603-MFR-25F52-100K	
R10	1/4W 1% resistor	1	1k1	603-MFR-25F52-1K1	
R11	1/4W 1% resistor	1	330R	603-MFR-25F52-330R	
R12,R18,R19,R20	1/4W 1% resistor	4	180R	603-MFR-25F52-180R	
R29	1/4W 1% resistor	1	2k2	603-MFR-25F52-2K2	
R39	1/4W 1% resistor	1	10k	603-MFR-25F52-10K	
R32	1/4W 1% resistor	1	200k	603-MFR-25F52-200K	
R37	1/4W 1% resistor	1	47k	603-MFR-25F52-47K	
D4-9, D12-15, D18-21, D24-27	SOD27 diode, Schottky	18	1N5711	511-1N5711	
D1	SOD27 diode, small signal	1	1N4148	512-1N4148	
D3,D2	SOD81 diode, Schottky	2	1N5817	511-1N5817	
U2 sockets	DIP-8 Socket	2	Socket for U1	575-11041308410010	
C3, C4, C5, C7, C8, C9	7.5mm x 2.5mm, 5mm pitch, disc or box, ceramic or poly capacitor	6	100n	75-MKT1817410015W	
C10,C11	7.5mm x 2.5mm, 5mm pitch, disc or box, ceramic or poly capacitor	2	1n	75-MKT1817210405TR	
Trim5V1	3296W Vertical Trimmer Potentiometer	1	100R	652-3296W-1-101R	
Transpose1,Transpose%1	RV09 9mm Vertical Linear Potentiometer	2	100k	317-2090F-100K	
J4	Thonkiconn 3.5mm Stereo Jack	1	MIDI Tx Stereo		<a href="https://www.thonk.co.uk/shop/thonkiconn/">https://www.thonk.co.uk/shop/thonkiconn/</a>
J5-14	Thonkiconn 3.5mm Mono Jack	11	Note0-3, Oct0-1, GT1, GateOut, RotateCV, Transp		<a href="https://www.thonk.co.uk/shop/thonkiconn/">https://www.thonk.co.uk/shop/thonkiconn/</a>
Din1-7, LED1-6	LED, D3.0mm, Red	14	Note0-3, S1-5, Oct0	941-C4SMARGYCS4V1BB1	<a href="https://uk.rs-online.com/web/p/leds/2285916">https://uk.rs-online.com/web/p/leds/2285916</a>
Scale1	RV09 9mm Vertical Linear Potentiometer, with nut, T18 shaft	1	100k		<a href="https://www.thonk.co.uk/shop/alpha-9mm-pots-vertical-t18/">https://www.thonk.co.uk/shop/alpha-9mm-pots-vertical-t18/</a>
U1	Adjustable Voltage Regulator in TO-220-3 package	1	LM317	511-LM317BT	
C1,C2,C6	Radial 5.0mm diameter, 2.5mm pitch, polarised capacitor, 35V or more	3	10u	667-ECA-2AM100I	
J1	2x05 Vertical Pin Header, 2.54mm pitch	1	Power	649-68602-110HLF	
A1	Arduino_Nano	1	Arduino_Nano_v3.x	992-ARD-NANO30	<a href="https://store.arduino.cc/collections/core-family/products/arduino-nano">https://store.arduino.cc/collections/core-family/products/arduino-nano</a>
A1 Socket	1x15 Pin Header Socket / Female Pin Header, 2.54mm pitch	2	Sockets for Arduino	992-15FX1-254MM	
U2	TL072 dual op-amp	1	TL072	511-TL072CN	
Scale1 Knob	Micro Knob for T18 shaft	1	Knob for Scale1		<a href="https://www.thonk.co.uk/shop/micro-knobs/">https://www.thonk.co.uk/shop/micro-knobs/</a>