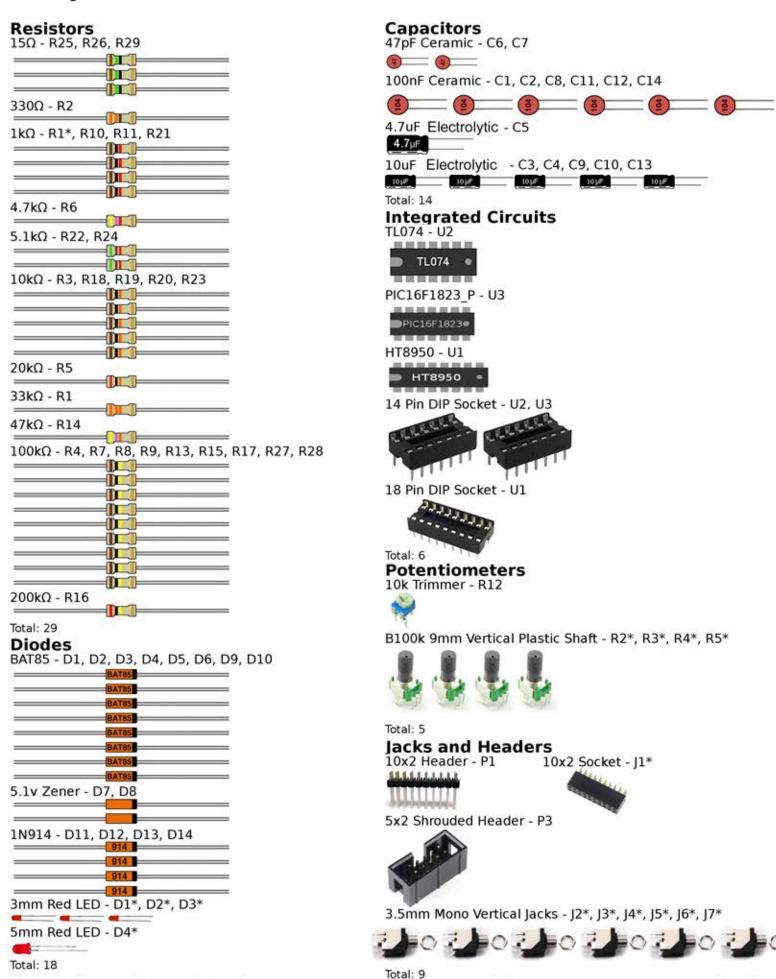
Synthrotek Roboto Visual Bill of Materials / Parts List



* Indicates Component is on control board.

Synthrotek Roboto Visual Bill of Materials / Parts List

11mm Hex Standoffs

Switches and Voltage Regulator LM78I33 - VR1





SPST Pushbutton - S1*, S2*



Total: 3

Other

Tested Vactrol - V1



2.5mm Screws



3.0mm Screws



10 to 16 Pin Eurorack Power Cable



PCB and Panel Set



Total: 14

ROBOTO QUICK START GUIDE

RED LEDS INDICATE ACTIVE MODES / EFFECTS

ROBOTO VOX MODE -

Gate or manual button toggles between "ROBOT" OR "PITCH" modes (cannot be in PITCH and ROBOT simultaneously).

VIBRATO EFFECT -

Gate or manual button turns VIBRATO effect on/off (can be used in either ROBOT or PITCH mode).

RATE CONTROL -

CV & manual pot sets the IC clock speed. 0-5V mimics the full range of the pot, but -/+ voltages push the clock speed outside this range. Voltage is additive or subtractive to pot position.

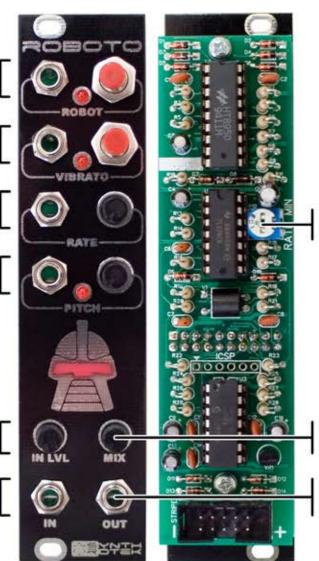
PITCH CONTROL -

CV or manual pot moves the audio pitch up or down. 7 zones/pitches. Pot at 12:00 is normal incoming pitch then 3 steps up and 3 steps down. 0-5V mimics full range of pot (0V=low, ~2.5=normal, 5V=high). Voltages outside 0-5V have no extra functionality. Pitch pot is disabled when plug is inserted into CV input jack.

INPUT LEVEL CONTROL -

The Roboto IN LVL control allows you to use various input signals. Use iPhones, tablets, tape decks, modules, samplers, microphones, etc. - adjust to taste. Red light on robot will blink in sync w/ audio.

AUDIO INPUT JACK -



- CLOCK RATE TRIMMER

Sets minimum IC clock speed. CCW = slowest - adjust to taste.

- MIX CONTROL

FULL CCW = input signal only FULL CW = processed signal only You can guess what happens between.

- AUDIO OUTPUT JACK



classic noise.