



BILL OF MATERIALS

LOOM, Rev 1.1

QTY	VALUE	DESIGNATOR	NOTES
10	100K	R2, R4, R11, R13, R20, R21, R22, R23, R24, R25	0805 size SMD resistors.
10	1K	R3, R7, R8, R12, R15, R19, R26, R27, R28, R29	0805 size SMD resistors.
4	47K	R5, R6, R9, R10	0805 size SMD resistors.
2	10uF	C2, C3	Electrolytic capacitors, power rating of 50V. Pitch = 1.5mm, Diameter = 4mm
2	0.1uF	C4, C7	Electrolytic capacitors, power rating of 50V. Pitch = 1.5mm, Diameter = 4mm
4	TL074**D	U1, U2, U3, U4	SMD SOIC TL074. Pitch = 1.27mm
3	Bipolar LED	LED1, LED2, LED3	Any <i>two-lead</i> bicolour LED will work. See Schematic for LED layout.
3	B100K	ATVRTR1, ATVRTR2, XFADE	9mm Alpha potentiometers. I recommend tall trimmers with tall trimmer topper knobs. (Both can be found on Thonk's website). See build guide for more on this.
2	SPDT	SPDT, SPDT	Made by Dailywell Electronics. NB - <i>normal switches will not fit</i> . They must be the subminiature versions. They can be found on Thonk's website. Pin Pitch = 2.54mm.
9	Jacks	IN1, OUT1.1, OUT1.2, IN2, OUT2.1, OUT2.2, IN3, IN4, OUT3	Thonkiconn 3.5mm switched jacks. (PJ398SM)
1	78L05	U8	TO-92 package. See Build Guide for more notes.

QTY	VALUE	DESIGNATOR	NOTES
10	Power Header	PWR	10 pin, 2.54mm pitch header. I recommend using normal, bare headers. See Build Guide for more notes.