

Fasma Drum machine	V0.2			
Designator	Quantity	Value	Description	Part Number
C1, C3	2	10uF	Capacitor	0805YD106KAT4A
C2	1	1nF	Capacitor	08053F102K4T2A
C4, C12	2	100nF	Capacitor	885012207072
C5, C10	2	1uF	Capacitor	CC0805KKX7R7BB105
C8, C9	2	470pF	Capacitor	885012207006
D1	1		Schottky Diode	SD0805S020S1R0
D2	1		RGB LED SMD	150141M173100
D3, D4, D5, D6	4		LED SMD	APT2012YC
J1, J2, J3	3	Thonkiconn	Jack Socket, 3.5mm	Thonkiconn
J4	1		Headphone Jack 3.5mm	SJ1-3523N
N1	1	Teensy 3.2	Microcontroller	DEV-13736
P1	1		9V Battery Holder	12BH611-GR
N2	1	5V	LDO Voltage Regulator	LM1117MP-5.0/NOPB
Q1, Q2	2	MMBT3904	NPN General Purpose Transistor	MMBT3904LT1G
U1	1	MCP6002-E/SN	Low-Power Operational Amplifier	MCP6002-E/SN
U2	1	MCP6004-E/SL	Low-Power Operational Amplifier	MCP6004T-E/SL
R1	1	3.3k	Resistor	RR1220P-332-D
R2	1	15.4k	Resistor	ERJ-6ENF1542V
R3	1	8.06k	Resistor	CRCW08058K06FKEA
R4	1	13.7k	Resistor	RR1220P-1372-D-M
R5, R17, R18, R19, R20, R21	6	100K	Potentiometer	PTV09A-4020U-B104
R6, R9	2	10k	Resistor	RR1220P-103-D
R7, R13	2	100k	Resistor	RR1220P-104-D
R8	1	22.6R	Resistor	RR1220Q-22R6-D-M
R10, R51, R54	3	47R	Resistor	RR1220Q-470-D
R11	1	5.6R	Resistor	RC0805FR-075R6L
R14	1	1M	Resistor	RR1220P-105-D
R16, R24, R25, R26	4	10R	Resistor	RR1220Q-100-D
R27, R28, R29, R30	4	68R	Resistor	RR1220Q-680-D
R53, R55	2	1k	Resistor	RR1220P-102-D
S1	1	SW-SPDT	SPDT Subminiature Toggle Switch	JS102011SAQN
X1, X2, X3, X4	4		Tactile Switch 12mm	101-0124-EV
X5, X6, X9, X14	4		Tactile Switch 6mm	PTS645SM43SMTR 92 LFS
Breakaway Headers	1		2.54mm Male headers	
PCB	1		PCB Board	