

Teensy 3.5 Board Routing Chart

Button Model: Momentary Tactile Push Button (One pin to ground and one Pin to Teensy 3.5)			
Button Name	Button Pin		Teensy Pin #
Bypass Plugin	1	to	0
Split EQ	1	to	49
HF Bell	1	to	48
EQ Bypass	1	to	43
EQ Dyn S-C	1	to	52
LF Bell	1	to	6
Comp Fast Atk	1	to	16
Gate On/Off	1	to	22
Gate Fast Atk	1	to	17
Dyn Bypass	1	to	14
Dyn Chan Out	1	to	15
Phase	1	to	5

Encoder Model: KY-040 360 Degree Rotary Encoder (One pin to ground, one pin to VCC, and two to Teensy 3.5)			
Encoder Name	Encoder Pin Type		Teensy Pin #
LF Filter	Encoder Pin A (CLK)	to	42
	Encoder Pin B (DT)	to	41
HF Gain	Encoder Pin A (CLK)	to	40
	Encoder Pin B (DT)	to	32
HMF Gain	Encoder Pin A (CLK)	to	31
	Encoder Pin B (DT)	to	30
HMF Q	Encoder Pin A (CLK)	to	29
	Encoder Pin B (DT)	to	28
LMF Gain	Encoder Pin A (CLK)	to	25
	Encoder Pin B (DT)	to	24
LMF Q	Encoder Pin A (CLK)	to	11
	Encoder Pin B (DT)	to	12
LF Gain	Encoder Pin A (CLK)	to	9
	Encoder Pin B (DT)	to	10
LF Hz	Encoder Pin A (CLK)	to	7
	Encoder Pin B (DT)	to	8
LMF Hz	Encoder Pin A (CLK)	to	27
	Encoder Pin B (DT)	to	26
HMF Hz	Encoder Pin A (CLK)	to	45
	Encoder Pin B (DT)	to	44
HF Hz	Encoder Pin A (CLK)	to	47
	Encoder Pin B (DT)	to	46
HF Filter	Encoder Pin A (CLK)	to	51
	Encoder Pin B (DT)	to	50
Comp Ratio	Encoder Pin A (CLK)	to	34
	Encoder Pin B (DT)	to	33
Comp Release	Encoder Pin A (CLK)	to	36
	Encoder Pin B (DT)	to	35
Comp Thresh	Encoder Pin A (CLK)	to	19
	Encoder Pin B (DT)	to	18
Gate Thresh	Encoder Pin A (CLK)	to	21
	Encoder Pin B (DT)	to	20
Gate Range	Encoder Pin A (CLK)	to	38
	Encoder Pin B (DT)	to	37
Gate Release	Encoder Pin A (CLK)	to	53
	Encoder Pin B (DT)	to	39
Input Volume	Encoder Pin A (CLK)	to	3
	Encoder Pin B (DT)	to	4
Output Volume	Encoder Pin A (CLK)	to	1
	Encoder Pin B (DT)	to	2