

Thomas Henry Mega Percussive Synthesizer		
Jacks, Potentiometers, Switch, & LED Wiring		
Jxx pin 1 is denoted with a square pad		
Potentiometer pins are denoted CCW (counterclockwise), Wiper, and CW (Clockwise)		
<b>J11</b>	Power	To module (key to outside PCB edge)
1	+15V	
2	Gnd	
3	Gnd	
4	-15V	
<b>J12</b>	Power	
1	-15V	To controls R84 CCW, R80 CCW, Trig switch Locked
2	Gnd	To controls and jacks
3	+15V	To controls R81 CW, R82 CW, R79 CW
<b>J13</b>		
1	No connect	
2	Shell Pitch R84 100K CW	Shell Pitch R84 CCW -15V
<b>J14</b>		
1	Impact Send J4 tip or Level R42 CW	Shell Mod switch Impact
2	Shell Decay R97 1M Wiper	Shell Decay R97 CW no connect, CCW ground
3	Impact Decay R96 1M Wiper	Impact Decay R96 CW no connect, CCW ground
4	Impact Sweep R38 10K CW	Impact Sweep R38 CCW ground
5	Noise Decay R95 1M Wiper	Noise Decay R95 CW no connect, CCW ground
6	Noise Sweep R37 10K CW	Noise Sweep R37 CCW ground
7	LP/BP switch Center	
8	Noise Send J3 Tip or Level R41 CW	Shell Mod switch Noise
<b>J15</b>		
1	Impact Pitch R80 100K Wiper	
2	Impact Pitch R80 100K CW	Impact Pitch R80 CCW -15V
3	LED Cathode	
4	LED Anode	
5	Impact Sweep R38 10K Wiper	
6	Shell Pitch R84 100K Wiper	
7	Shell Sweep R39 10K Wiper	
8	CV Range R85 100K Wiper	CV Range CW J7 tip; CCW ground
<b>J16</b>		
1	RM Depth R71 100K CW	RM Depth R71 CCW ground
2	Shell Send J2 tip or Level R40 CW	
3	RM Pitch R81 100K CCW	RM Pitch R81 CW +15V
4	RM Pitch R81 100K Wiper	
5	LP/BP switch LP	LP/BP switch BP Noise Res R78 CCW
6	Noise Resonance R78 100K CCW	LP/BP switch BP
7	Noise Resonance R78 100K Wiper	
8	Noise Resonance R78 100K CW	

<b>J17</b>		
1	RM Balance R82 100K CCW	RM Balance R82 CW +15V
2	RM Balance R82 100K Wiper	
3	Impact Level R41 10K Wiper	Impact Level CW Impact Send; CCW ground
4	Shell Level R40 10K Wiper	Shell Level CW Shell Send; CCW ground
5	Noise Level R42 10K Wiper	Noise Level CW Noise Send; CCW ground
6	Volume R43 10K CW	Volume R43 CCW ground; if deleted ground pin 6
7	Synth Out J5 tip	
8	RM Depth R71 100K Wiper	
<b>J18</b>		
1	Sensitivity R36 100K CW	Sensitivity R36 Wiper Trig switch
2	Sensitivity R36 100K CCW	
3	Trigger switch Center	Trig switch Locked -15V
4	Trigger In J1 Tip	J1 NC ground
5	Noise Center R79 100K CCW	Noise Center R79 CW +15V
6	Noise Sweep R37 10K Wiper	
7	Noise Center R79 100K Wiper	
8	Shell Sweep R39 10K CW	Shell Sweep R39 CCW ground
	Shell Mod switch Impact J4 tip	
	Shell Mod switch Noise J3 tip	
	Shell Mod switch Center J7 NC	