Tennsy LC + 3.2 Pinout

Pin	Function	Audio Shield	Necessary for Audio Shield	Necessary for SD-CARD	LetsGo
GND	GND				
0	RX1				MIDI IN
1	TX1				MIDI OUT
2	D I/O				GO
3	D I/O				STOP
4	D I/O				Previous
5	D I/O				Next
6	D I/O	MEMCS		YES (Pullup)	KeyboardMode_1
7	D I/O	MOSI		YES	KeyboardMode_2
8	D I/O				KeyboardMode_3
9	D I/O	BCLK	YES		
10	D I/O	SDCS		YES (Pullup)	
11	D I/O	MCLK	YES		
12	D I/O	MISO		YES	
Vin (Vbat)	5V / 3.3V				
3.3V					
GND					
Programm					
DAC / A12 (A14)					
13	DI/O	DOUT	YES		
14	A+D I/O	SCK		YES	MidiMode_1
15	A+D I/O	Volume			MidiMode_2
16	A+D I/O				RUN Led
17	A+D I/O				TX Led
18	A+D I/O	SDA	YES		
19	A+D I/O	SCL	YES		
20	A+D I/O				MidiOnOff
21	A+D I/O				MidiChannel
22	A+D I/O	DIN	YES		
23	A+D I/O	LRCLK	YES		
3.3V					
AGND					
Vin					
AREF					
24	A I/O				
25	A I/O				

Tennsy 4 Pinout

Pin	Function	Audio Shield	Necessary for Audio Shield	Necessary for SD-CARD	LetsGo
GND	GND				
0	RX1				MIDI IN
1	TX1				MIDI OUT
2	D I/O				GO
3	D I/O				STOP
4	D I/O				Previous
5	D I/O				Next
6	D I/O	MEMCS		YES (Memory-	KeyboardMode_1
7	D I/O	DIN	YES		
8	D I/O	DOUT	YES		
9	D I/O				KeyboardMode_2
10	D I/O	SDCS		YES	KeyboardMode_3
11	D I/O	MOSI		YES	MidiOnOff
12	D I/O	MISO		YES	MidiChannel
Vin (Vbat)	5V / 3.3V				
3.3V					
GND					
Programm					
DAC / A12 (A14)					
13	DI/O	SCK		YES	
14	A+D I/O				MidiMode_1
15	A+D I/O	Volume			MidiMode_2
16	A+D I/O				RUN Led
17	A+D I/O				TX Led
18	A+D I/O	SDA	YES		
19	A+D I/O	SCL	YES		
20	A+D I/O	LRCLK	YES		
21	A+D I/O	BCLK	YES		
22	A+D I/O				
23	A+D I/O	MCLK	YES		
3.3V		3.3V			
GND		GND			
Vin					
24					
25	A+D I/O				
26	A+D I/O				
27	A+D I/O				
28	A+D I/O				
29	DI/O				
30	DI/O				
31	DI/O				
32	DI/O				
33	DI/O				