Si46xx SL100M
Vertical Slave Module Pinout

Version 1.0

Description:
The SL100M module is a Si46xx based digital radio slave module. The connector is a simple 25 pin, single row, inline header with 2mm pitch.

Pin Number	Pin Name	I/O	Description
1	FM_ANT	In	An additional (optional) FM/DAB input from the baseboard
2	GND	---	The FM/DAB input signal ground (no split plane)
3	AM_ANTN	In	An additional (optional) AM negative input
4	AM_ANTP	In	An additional (optional) AM positive input
5	GND	---	The AM input signal ground (no split plane)
6	V3_3	In	The 3.3V supply input
7	V1_8	In	An optional 1.8V supply input if BOM savings is desired (NP the on module 3.3V -> 1.8V LDO).
8	LOUT	Out	Analog Audio Out – Left
9	ROUT	Out	Analog Audio Out – Right
10	GND	---	
11	RSTB	In	The reset line for the Si46xx
12	INTB	Out	The hardware interrupt output
13	SCLK_SCL	In	Control Interface: SPI Clock or I2C Clock
14	GND	---	
15	MOSI_SDA	In	Control Interface: SPI MOSI or I2C Data
16	GND	---	
17	DCLK	In/Out	I2S Audio: Bit Clock (Configurable Direction)
18	DFS	In/Out	I2S Audio: Frame Sync (Configurable Direction)
19	GND	---	
20	DOUT	Out	I2S Audio: Data
21	SMODE	In	Select SPI or I2C for Control. Ground to select SPI, NC for I2C (on module pull-up)
22	GND	---	
23	MISO_A0	In/Out	Control Interface: SPI MISO or I2C A0 for address select
24	SSB_A1	In	Control Interface: SPI Slave Select or I2C A1 for address select
25	GND	---	

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