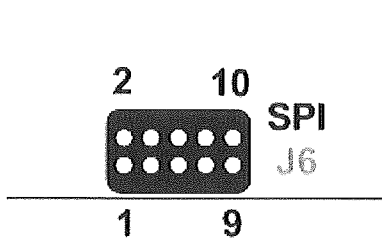


2.2 SPI Header



(over RS-45 cable connectors)
Order wire cable connectors

-127.73
dBm/Hz
@ 74 MHz
100 kHz
= 1.2233000
12 nK

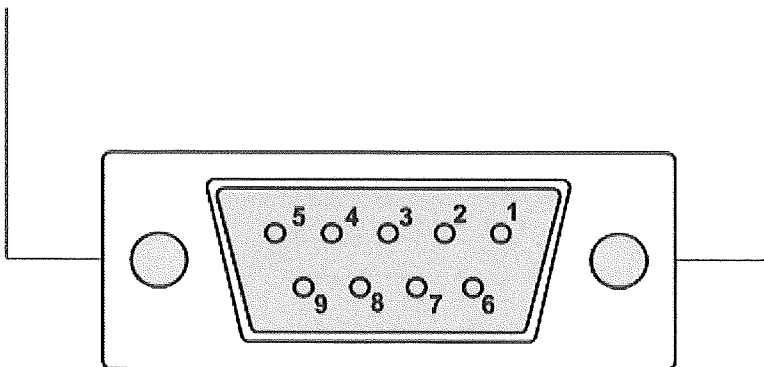
	Header Pin	SPI Function	Fast PWM	GPIOB	MDIO1	Notes
purple →	1	MOSI - Master Out Slave In		GPIOB1	MDC1	Optional Level Converter*
	2	SS1		GPIOB0		GPIO Voltage**
orange →	3	MISO - Master In Slave Out		GPIOB3		Optional Level Converter*
	4	SS2	FPWM_0	GPIOB2		GPIO Voltage**
green →	5	SS0		GPIOB5		Output, Optional Level Converter*
	6	SS3	FPWM_1	GPIOB4		GPIO Voltage**
yellow →	7	SCK - Master Clock		GPIOB7	MDIO1	Optional Level Converter*
	8	SS4	FPWM_2	GPIOB6		GPIO Voltage**
	9	SPI_EXT_PWR - External SPI Power		EXT_PWR		
black →	10	GND		GND		

-77.46

Level Converter* - Adjustable operating voltage in configurations with Level Converters (see [Jumpers](#) and [Ordering Information](#)).

GPIO Voltage** - Operates at the same voltage as GPIO according to SUB-20 configuration (see [Ordering Information](#)).

2.3 DB9 Connector



Pin	Function	Configuration
1	SPI SS0	
2	I2C_EXT_PWR	
	RS232 PC_RX	Serial2
3	SPI_EXT_PWR	Lxxx

UltraTite

pin	color
1	white
2	gray
3	yellow
4	pink
5	orange

[SPI ribbon]

6	red
7	brown
8	green
9	blue

green (1) [4] in

1" L.T. non-metallic
\$ 98.40

2100 ft 1" non-metallic

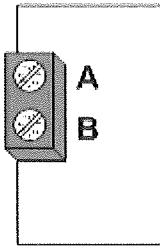
R100001001

Summit 346-8000

	RS232 PC_TX	Serial2
4	SPI SCK	
5	GND	
6	I2C SDA	
7	SPI MISO	
8	I2C SCL	
9	SPI MOSI	

yellow (4) [2] in
 I²C / black (5)
 I²C (6)
 orange (7) [6] out
 I²C (8)
 purple (9) [6] in

2.4 RS485 Connector



wire
pins 3 & 5 to gnd

5 = white shield
 6 = black
 8 = red

RS485 Connector is installed only in Serial4 configuration.

Pin	Function
A	inverting or '-' pin
B	non-inverting or '+' pin

2.5 Jumpers, SW1, SW2

