

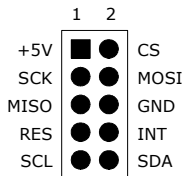
Generic Datasheet of Building Blocks

Host Interface

Two serial interfaces are supported by the modules: SPI and I2C. For modules with an onboard AVR controller, the SPI is also used as a programming interface for the firmware.

Pinout of the Host Interface Header

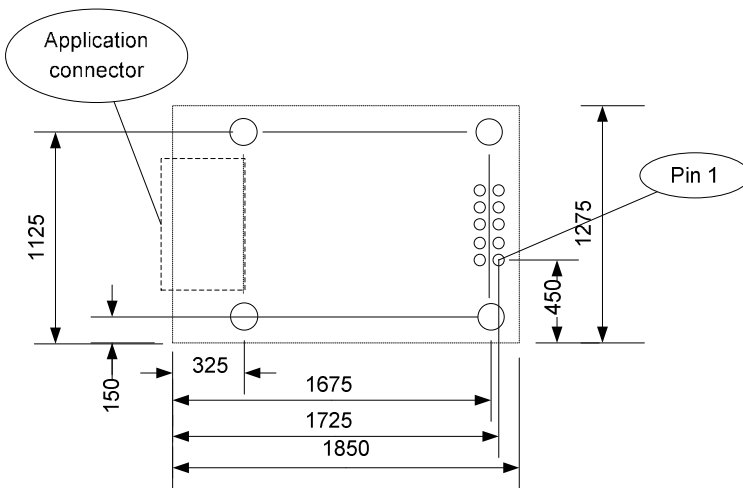
The host controller is connected via an 10-pin header with 0.1" spacing.



Pin Description

Pin	Function	Description	I/O	Polarity	Comments
1	+5V	Supply voltage	PWR		
2	CS	SPI Chip-Select	I	Active low	
3	SCK	SPI Clock	I		
4	MOSI	SPI Data In	I		
5	MISO	SPI Data Out	O		
6	GND	Ground	PWR		
7	RES	Reset	I	Active low	10k pull-up resistor on module
8	INT	Interrupt	O	Active low	Open drain output
9	SCL	I2C Clock	I		
10	SDA	I2C Data	I/O		

Mechanical Drawing



- Dimensions: mil
- Mounting holes 3.2mm diameter
- Mounting holes on application connector side are connected to ground of module.
- Mounting holes on host interface side are isolated
- Top view (components side)