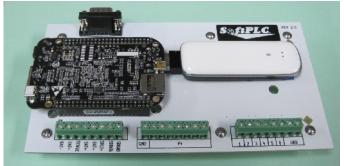
## SPBB-6DI2SP1AI Digital Input/Serial Daughter Board



## Overview

The SPBB-6DI2SP1AI is an add-on board for the Micro SoftPLC models BB that adds local I/O, power conditioning, serial ports, an SDI-12 bus interface and a battery power monitoring circuit for solar powered applications. It is ideal for use in remote monitoring and/or data logging applications, such as those that utilitize SoftPLC's TagWell platform.



SPBB-6DI2SP1AI shown with Micro SoftPLC Model BB and ICOM-GSMU modem

Features				
Provides mounting rails for Micro SoftPLC models SPBB- <i>x</i>				
Terminal block wiring connectors				
DB9 connectors for RS-232C ports				
Suitable for battery/solar powered installations, includes analog input for battery level monitoring				
Mounting via stand-offs, (7) included				

Provides support for a USB cellular modem attached to the Micro SoftPLC model BB

Specifications				
I/O		General		
Channels	6 fry contact inputs, 5-12VDC, 1	Connectors	3 terminal blocks (#14~22 AWG)	
	common, terminal block interface	Dimensions	7.5" x 4" x 1.5" (L x W x H) with SPBB	
Field Power	5 or 12VDC, jumper selectable, terminal block interface 2x RS-232C ports, DB9 connectors, SoftPLC software configurable		mounted on rails	
		Certifications	ROHS	
Communication Ports				
		Environment		
	SDI-12 serial bus, terminal block connector interface	Humidity	5 ~ 95% RH	
Power Input	12VDC (10 ~ 18VDC)	Temperature	<b>Operating:</b> -20 ~ 70°C (-4 ~ 158°F)	
			<b>Storage:</b> -40 ~ 85°C (-40 ~ 185°F)	

