

J4 - Analog Connector

Connector: 10-pin socket strip: 0.025" square pins on 0.1" centers.
(SAMTEC TSW-110-07-SS)

Mating Connectors: SAMTEC SSW-110-01-SS for providing connections for one add-on board.

SAMTEC SSQ-110-03-GS will mate with J4 and provide a new socket strip matching J4 on the opposite side of an add-on board (for stackable add-on boards)

Connections:	VSW	Switched 5 volts to A/D (top of ratiometric scale)
	A7	Analog input channel 7 (tied to thermistor)
	A6	Analog input channel 6 (tied to battery voltage)
	A5	Analog input channel 5
	A4	Analog input channel 4
	A3	Analog input channel 3
	A2	Analog input channel 2
	A1	Analog input channel 1
	A0	Analog input channel 0
	ANGND	Analog ground (bottom of ratiometric scale)

Remarks: On the Model II, the extra pad next to VSW is ANREF which is the analog reference voltage (optional connection requiring a cut to free it from VSW).

See Also: "Analog I/O" for details on the connections made to this connector.