

SPro Conn	SPro Pin	Func/ Name	IO( ) #	PORT #	RXD #	TXD #	ADC #	Notes
J1	1	RESETn	-	-				RESETn
J1	2	V33	-	-				3.3V Board Power - Output
J1	3	V5	-	-				5V Board Power - Output
J1	4	Gnd	-	-				Gnd
J1	5	Agnd	-	-				Analog Gnd
J1	6	Vin	-	-				>7V Input
J2	1	IO	25	0.25			2	ADC
J2	2	IO	26	0.26			3	ADC
J2	3	IO	62	1.30			4	ADC or DAC
J2	4	IO	63	1.31			5	ADC
J2	5	IO	3	0.3	0		6	RXD0 or ADC
J2	6	IO	2	0.2		0	7	TXD0 or ADC
J3	3	Vpwr	-	-				Input Power
J3	2	Gnd	-	-				Gnd
J3	1	Gnd	-	-				Gnd
J4	1	Vpwr	-	-				Input Power
J4	2	Gnd	-	-				Gnd
J5	1	DTR	-	-				DTR
J5	2	TXD0	2	0.2		0	6	Main Serial Output TXD0
J5	3	RXD0	3	0.3	0		7	Main Serial Input RXD0
J5	4	PWR	-	-				>5V Input
J5	5	RTS	-	-				Boot
J5	6	Gnd	-	-				Gnd
J7	1	BAT+	-	-				Input/Battery Power
J7	2	Gnd	-	-				Gnd
J8	1	BAT+	-	-				Input/Battery Power
J8	2	Gnd	-	-				Gnd
J9	1	IO	22	0.22				
J9	2	IO	17	0.17				
J9	3	IO	16	0.16				
J9	4	IO	72	2.8		2		TXD2
J9	5	IO	70	2.6				
J9	6	IO	68	2.4				
J9	7	Gnd	-	-				Gnd
J9	8	AREf	-	-				Analog Ref

J10	1	IO	29	0.29				Linked to P0.30, both are IN or OUT
J10	2	IO	50	1.18				
J10	3	IO	52	1.20				
J10	4	IO	55	1.23				
J10	5	IO	57	1.25				
J10	6	IO	60	1.28				
J10	7	IO	0	0.0				
J10	8	IO	10	0.10				
J11	1	Boot	-	-				Boot
J11	2	Gnd	-	-				Gnd
J12	1	IO	30	0.30				Linked to P0.29, both are IN or OUT
J12	2	IO	51	1.19				
J12	3	IO	54	1.22				
J12	4	IO	56	1.24				
J12	5	IO	58	1.26				
J12	6	IO	61	1.29				
J12	7	IO	1	0.1				
J12	8	IO	11	0.11				
J13	1	IO	18	0.18				
J13	2	IO	15	0.15				
J13	3	IO	73	2.9	2			RXD2
J13	4	IO	71	2.7				
J13	5	IO	69	2.5				
J13	6	IO	67	2.3				
J13	7	IO	66	2.2				
J13	8	IO	74	2.10				Boot

J14	1	IO	33	1.1				
J14	2	IO	40	1.8				
J14	3	IO	42	1.10				
J14	4	IO	46	1.14				
J14	5	IO	157	4.29	3			RXD3
J14	6	IO	6	0.6				
J14	7	IO	8	0.8				
J14	8	IO	65	2.1	1			RXD1
J15	1	IO	32	1.0				
J15	2	IO	36	1.4				
J15	3	IO	41	1.9				
J15	4	IO	47	1.15				
J15	5	IO	156	4.28		3		TXD3
J15	6	IO	7	0.7				
J15	7	IO	9	0.9				
J15	8	IO	64	2.0		1		TXD1
J16	1	Jumper	-	-				Power Diode Jumper
J16	2	Jumper	-	-				Power Diode Jumper