

Type Acceptance Information for TS4000 Radio Modem with 3412 Transceiver
Proposed FCC ID JWFTS4000B

RADIO FLEX CIRCUIT CONNECTIONS

TS4000 50-Pin J11 Radio Interface Connector						3412 Transceiver		
<u>Level</u>	<u>Type</u>	<u>Function</u>	<u>Pin</u>	<u>Pin</u>	<u>Function</u>	<u>Type</u>	<u>Level</u>	<u>14-Pin I/O</u>
		Ground	50	49	Ground			
0-5VDC	D/A	RF Power Control	48	47	Tx Mod Balance	D/A	0-5VDC	
0-5VDC	A/D	Reflective Power	46	45	Forward Power	A/D	0-5VDC	14
0.5-4Vpp	Ana	Rx Ext Signal Out	44	43	Rx Demod In	Ana	0.02-4Vpp	13
0-5VDC	D/A	Receive Tune	42	41	RSSI	A/D	0-5VDC	12
0.5-2Vpp	Ana	Tx Ext Signal In	40	39	Tx Mod Out	Ana	0-5Vpp	6
		Ground	38	37	Ground			
5V CMOS	I/O	CPU I/O	36	35	SPI Diagnstc Enable	I/O	5V CMOS	11
RS-232	SIO-2	RI	34	33	SPI Data In	I/O	5V CMOS	
RS-232	SIO-2	RI	32	31	SPI Clock	I/O	5V CMOS	10
RS-232	SIO-2	TxCLK/DTR	30	29	SPI Data Out	I/O	5V CMOS	9
RS-232	SIO-2	CTS	28	27	SPI Synth Enable	I/O	5V CMOS	8
RS-232	SIO-2	TD	26	25	Synth Lock Detect	I/O	5V CMOS	7
RS-232	SIO-2	RTS	24	23	PTT	O	Opn Drain	
RS-232	SIO-2	RD	22	21	Continuous +5	Pwr	5VDC	
RS-232	SIO-2	RxCLK/DSR	20	19	Transmit +5/Enable	Pwr/O	5VDC	5
RS-232	SIO-2	DCD	18	17	Receive +5/Enable	Pwr/O	5VDC	4
		Ground	16	15	Ground			
0-B+VDC	D/A	Transmit B+	14	13	Transmit B+	D/A	0-B+VDC	3
7-13VDC	Pwr	B+	12	11	B+	Pwr	7-13VDC	2
7-13VDC	Pwr	B+	10	9	B+	Pwr	7-13VDC	2
9-28VDC	Pwr In	DC Power	8	7	DC Power	Pwr In	9-28VDC	
9-28VDC	Pwr In	DC Power	6	5	DC Power	Pwr In	9-28VDC	
		Ground	4	3	Ground			1
		Ground	2	1	Ground			1