	R001 - XRF	R004 - SRF-S	R005 SRF-U	R004 SRF-SPI	R010 - SRF STICK	R003 - ERF	R002 - URF	R011 - ARF	B023 - Slice of Radio	B009 - Explorer +	B008 - XinoRF	R012 - RFu	R014 - LLAPcpu
Picture													
Style of device	Plug in transceiver	Surface mount transceiver	Surface mount transceiver	Surface mount transceiver	USB dongle transceiver	Plug in transceiver	USB dongle transceiver	Plug in transceiver	Plug in transceiver for the Raspberry Pi	5 in 1 TTL converter and built in transceiver	Arduino comp. dev board with built in transceiver	Arduino comp. dev board with built in transceiver	LLAP development module
Pin configuration	2 x DIL 10 way 2mm (similar to Xbee)	21 x SMT pads	21 x SMT pads	21 x SMT pads (similar to RFM12B)	USB male A	6 way female 0.1" header	USB male A	20 x SMT pads or 2 x 10 way 2mm headers (supplied)	2 x 13 way female 2.54mm header	USB female mini	USB female mini	20 x SMT pads or 2 x 10 way 2mm headers (supplied)	2 x 10 way 2.54mm DIL
Data Interface	Serial TTL 3v3 or 5v (pre version 1.5 is 3v3 max)	Serial TTL 3v3	Serial TTL 3v3	SPI 3v3	USB	Serial TTL 3v3 or 5v	USB	Serial TTL 3v3	Serial TTL 3v3	USB or 3v3 TTL serial on socket	USB or 5v on TTL serial for Arduino sketches	Serial TTL 3v3	Radio only
Default data rate	9600bps	9600bps	Dictated by USB	400Mhz max	Dictated by USB	9600bps	Dictated by USB	9600bps	9600bps	Dictated by USB	Dictated by USB for uploads and 115,200bps for Arduino sketches	115,200bps for Arduino sketches	250,000bps
Operating voltage	2v to 3.9v	2v to 3.9v	2v to 3.9v	2v to 3.9v	Supplied via USB	3v to 5v	Supplied via USB	2v to 3.9v	3v3	Supplied via USB	Supplied via USB or EXT DC	3v3	3v3
Recommended options to connect to a PC	B009 - Explorer Plus	-	-	-	Plugs in to USB port (40ma max)	-	Plugs in to USB port (40ma max)	Explorer+	-	Plugs in to USB port (500 ma max)	Plugs in to USB port (500 ma max)	B009 - Explorer Plus	Programmer
Recommended options to connect to a Pi	K000 - Slice of Pi	-	-	-	Plugs in to USB port (40ma max)	Jumper wires	Plugs in to USB port (40ma max)	Slice of Pi modified to supply 350ma at 3v3	Plugs into GPIO port	Plugs in to USB port (500 ma max)	Plugs in to USB port (500 ma max)	-	-
Recommended options to connect to Arduino	B004 - Xbee shield	-	-	-	-	Jumper wires	-	B004 - Xbee shield	-	-	-	-	-
Antennas supported	Wire whip, SMA connector (pads)	Chip antenna, 50ohm trace	Chip antenna, 50ohm trace	Chip antenna, 50ohm trace	Chip antenna, wire whip	Chip antenna, wire whip	Chip antenna, wire whip	U.fl ext. connector	Chip antenna, wire whip, U.fl (pads)	Chip antenna, wire whip, U.fl (pads)	Chip antenna, wire whip	Chip antenna, 50ohm trace	Wire whip, U.fl, SMA pads
Supplied antenna	Wire whip	Chip antenna	Chip antenna	Chip antenna	Chip antenna	Chip antenna	Chip antenna	U.fl ext. connector, solderable wire whip	Chip antenna	Chip antenna	Chip antenna	Chip antenna	Solderable wire whip
Range to XRF whip	1000m max	300m max	300m max	300m max	300m max	500m max	500m max	Over 1000m	300m max	300m max	300m max	300m max	1000m max
Range to Chip ant	300m max	100m max	100m max	100m max	100m max	150m max	150m max	Over 300m	100m max	100m max	100m max	100m max	300m max
Heartbeat support	Pin 6	Pad 1	Pad 1	Pad 4	On board LED	On board LED	On board LED	Pin 6	On board LED	On board LED	SRF pad 1	SRF pad 4	-
Sleep support	YES	YES	YES	YES	NO	NO	NO	YES	NO	NO	NO	YES	YES
OTAMP support	YES both ends	YES both ends	YES host only	NO	YES host only	YES remote only	YES host only	YES both ends	YES host only	YES host only	YES remote only	YES remote only	-
Flow control	YES	YES	YES	NO	YES	NO	YES	YES	NO	YES	NO	NO	-
LLAP node support	YES Via firmware personality (up to v1.5a)	YES Via ext. micro	YES Via ext. micro	YES Via ext. micro	NO	YES Via ext. micro	NO	YES Via ext. micro	YES Via ext. micro	NO	YES Via Arduino LLAP library	YES Via Arduino LLAP library	YES
LLAP transceiver support	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	-
Updatable Firmware	Via serial	Via serial	Via serial	Via serial	Via serial	Via serial	Via serial	Via serial	Via serial	Via serial	Via serial	Via serial	Via hardware programmer