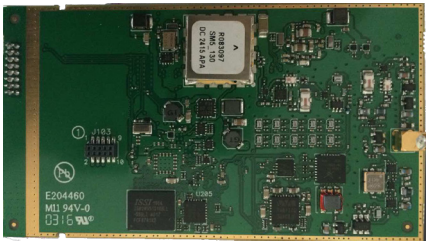
UHFSSRx

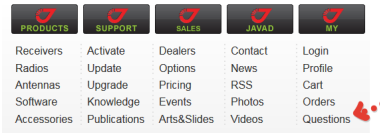
For operation manuals and other technical documents, please visit our website and download the latest firmware.

Here are the link to the UHFSSRx firmware, documentation, and utilities:
http://javad.com/jgnss/products/radios/oem-radios.html

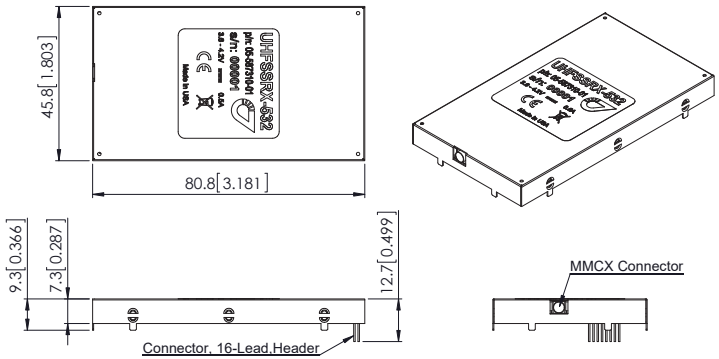


Support Inquires

In order to address customer support inquires in a timely and effective manner; JAVAD GNSS has created a powerful online question utility. To take advantage of this utility, please log into your JAVAD GNSS account and select QUESTIONS from the drop down menu.



The questions utility may also be reached by clicking: Menu>Questions
When the JAVAD GNSS support team posts a response to your inquiry, an email containing this response is sent to the email address you have registered in your profile.



Dimension in mm [inch]

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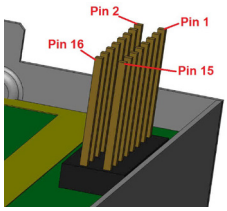
Phone: +1(408) 770-1770
www.javad.com

UHFSSRx

16-Lead Header Connector Pinout

PIN #	Signal Designator	Signal name	Description	I/O	Comments
1	GND	GND	-	Ground	Signal and Chassis Ground
2	DSP UART 1	TXD	TTL Input	Transmitted Data	Serial Data Input
3	DSP UART 2	RXD	TTL Output	Received Data	Output for received serial data
4	DPORT5	DTR or DP/ MP	TTL Input	Data Terminal Ready	Control line can be used as a backup method for entering Command mode: (0V) – Maintenance Mode; (3.3V) – Data Mode An internal 100K pull-up enables Data Mode if this signal is left unconnected. Maintenance Mode is also accessible by transmitting an escape sequence.
5	DPORT1	CTS	TTL Output	Clear to Send	Used to control transmit flow from the user to the radio: (0V) – Transmit buffer not full, continue transmitting (3.3V) – Transmit buffer full, stop transmitting
6	TTLI1	SLEEP	TTL Input	Sleeps/wakes radio Receive only	In sleep mode, all radio functions are disabled consuming less than 50µA. An internal 10K pull-down wakes up the radio if this signal is left unconnected. At wake up, any user programmed configuration settings are refreshed from flash memory, clearing any temporary settings that may have been set: (3.3V) – Sleep Radio; (0V) – Wake Radio As an option could be used as TTL Input Line 1.
7	DPORT3	MDM_GRN	TTL Output	Data Carrier Detect	Used by remotes to indicate that the remote has successfully acquired the signal from base station: (0V) – Carrier detected (synchronized) (3.3V) – No carrier detected (not synchronized)
8	DPORT4	RTS	TTL Input	Request to Send	Gates the flow of receive data from the radio to the user on or off. An internal 10K pull-down enables data receive if this signal is left unconnected. In normal operation, this signal should be asserted: (0V) – Receive data (RxD) enabled (3.3V) – Receive data (RxD) disabled
9	DPORT2	DSR	TTL Output	Data Set Ready	Used to control transmit flow from the user to the radio: (0V) – Receive buffer has data to transfer; (3.3V) – Receive buffer is empty
10	RES CONT	RESCONT	TTL Input	Reset the radio	Reset the radio by shortening this pin to the ground.
11	TTLO1	TTLOUT1	TTL Output	TTL Output Line 1	Reserve line
12	TTLO2	TTLOUT2	TTL Output	TTL Output Line 2	Reserve line
13	GND	GND	-	Ground	Signal and Chassis Ground
14	TTLI2	TTLIN	TTL Input	TTL Input line	An internal 100K pull-up resistor is applied.
15	VCC36	PWR	External	Power Supply	Regulated positive 3.6V DC from ext. Power Supply.
16	VCC36	PWR	External	Power Supply	Regulated positive 3.6V DC from ext. Power Supply.



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Revision 3.0 April 5, 2021