

Interface EPROM to URI

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1 Interface EPROM to URI

One of the great features of the URI, is that it allows you to connect an ATMEL AT93C46E-PU (Digikey Part Number AT93C46E-PU-ND) or equiv. to the URI via the interface connector, thereby allowing the USBRadio channel driver's working parameters for that radio in the connector going to the radio (in other words, if you change URI's or USB positions, the radio parameters stay with the radio and wont require re-calibration).

To accomplish this, pins 1 thru 4 of the the 8 pin DIP EEPROM are soldered directly to pins 15 thru 18 (1 to 15, 2 to 16, 3 to 17, 4 to 18) of the 25 pin D-shell connector. Pin 14 is wired to pin 8 (Vcc) and pin 19 is wired to pin 5 (Gnd) of the EEPROM. Pins 6 and 7 of the EEPROM are not used and may be removed.

Be sure to set eeprom=1 in the stanza for the USB channel in then `/etc/asterisk/usbradio.conf` configuration file.

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List of Figures

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