WSPRPi: Reprogramming PIC32 from Raspberry Pi Zero

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Anything written in this font is instructional text.

Anything written in this font should be typed in exactly into the terminal on the Pi.

ullet Install avrdude:

sudo apt install avrdude

• Check avrdude has installed OK

avrdude -p ?

This ought to produce a list of all the processors avrdude is able to program.

Figure 1: Avrdude default processors

• Copy the avrdude_wut.conf file from the /Avrdude directory on the WSPRPi Github repo (github.com/M0WUT/WSPR) onto the Pi.

wget https://raw.githubusercontent.com/MOWUT/WSPR/master/Avrdude/avrdude_wut.conf

- Move the avrdude_wut.conf to /.avrdudercmv avrdude_wut.conf ~/.avrduderc
- Check that the PIC32 has been added to the list of processors.

```
avrdude -p ?
```

Figure 2: Avrdude processor list with PIC32 added

Check that the top item is pic32-250-128=32MX250F128D as that is the PIC used in WSPRPi. Everything else is irrelevant.