

## THIS WIRING IS FOR THE 'ELECTRONICS ASSEMBLY' TFT DISPLAY ONLY

This display has two 20 pin single in-line connectors.

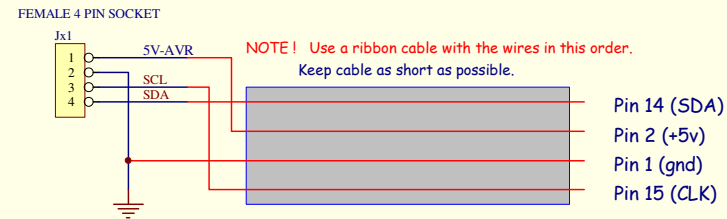
The Connector numbered 1-20 is used for connecting to TrxAVRB

PLEASE VERIFY CONNECTIONS WITH THE DATA SHEET FOR THE DISPLAY YOU HAVE.

IF IN DOUBT, PLEASE ASK !

A 4 WAY RIBBON CABLE CONNECTS FROM Jx1 ON TrxAVRB TO THE 'ELECTRONICS ASSEMBLY' COLOUR TFT DISPLAY. )

PLUGS INTO 'Jx1' ON TrxAVRB PCB



DISPLAYS ARE VERY EXPENSIVE !  
CHECK ALL WIRING AGAINST DATA SHEET  
AND Trxavrb SCHEMATICS BEFORE FITTING.

20 PIN SOCKET PLUGS INTO DISPLAY

Also:-

Pin 5 (reset) tie to +5v with 6k8 resistor.

Pin 12 (I2C mode), tie to GND

Option: Pin 16 can drive a buzzer, via a transistor for touchpad audio indication.

THIS DISPLAY HAS THE TOUCHSCREEN COMPONENTS INCORPORATED SO DO NOT LOAD THE TOUCHSCREEN COMPONENTS ON THE TrxAVRB PCB.

THE CONNECTORS SHOWN HERE ARE NOT ON THE BOM.

|       |  |          |                           |          |  |
|-------|--|----------|---------------------------|----------|--|
| Title |  |          | Trxavr COLOUR CONNECTIONS |          |  |
| Size  | Number   | Revision |                           | Revision |  |
| B     | VK3PE  | DRAFT    |                           | DRAFT    |  |
| Date: | 27-Aug-2009  | Sheet    | of                        |          |  |
| File: | F:\TrxAVR PCB\Trxavrb_COLOUR_TFT_CONNECTIONS_1.Sch |          |                           |          |  |