NOTE: THIS WIRING IS FOR FITTING ONE DISPLAY ONLY, a 128x64 pixel Graphics LCD.

WIRE 'J6B' AS PER THE DIAGRAM TO THE DISPLAY.

FOR CONNECTING A 128x64 LCD, THE CONTRAST CONTROL
IS 'VR3', LOCATED IN THE TOP CORNER OF THE PCB.

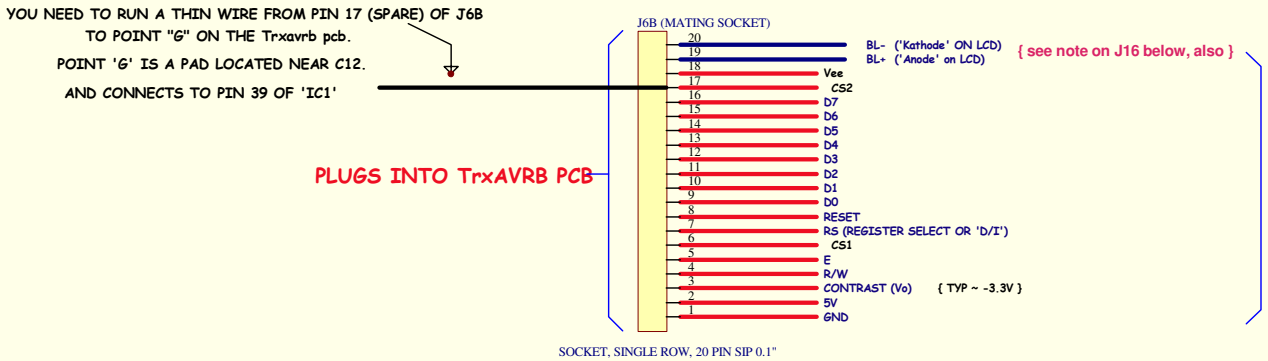
R108 SHOULD NOT BE FITTED AND R109 SHOULD BE A 1K RES.

IF IN DOUBT, PLEASE ASK !

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

THE PIN-OUT OF THE DISPLAY IS NOT GIVEN, AS VARIOUS BRANDS MAY USE A DIFFERENT PIN-OUT.

PLEASE REFER TO THE DATA SHEET FOR THE DISPLAY YOU HAVE FOR DETAILS.

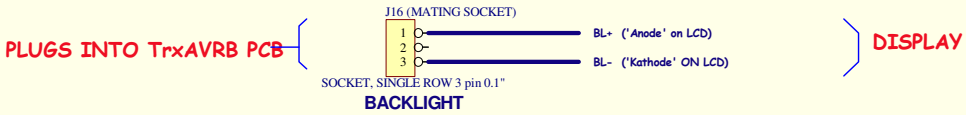


DO NOT ASSUME THAT CABLE IS A 1:1 CONNECT !

CHECK YOUR DISPLAY DATA SHEET FOR THE WIRING !

THE BACKLIGHT RESISTORS, R112, R113, R114 & R115 (IN PARALLEL) VALUES SHOULD BE CALCULATED FOR THE BACKLIGHTING CURRENT PER YOUR DATA SHEET.

MOST LCD'S WITH BACKLIGHTING HAVE TERMINALS MARKED 'A' & 'K'
THESE CONNECT TO J16. Ensure you connect the right way round.



NOTE:- BACKLIGHT CONNECTIONS ARE FOR CURRENTS LESS THAN 200mA ONLY.

Alternate Backlight connections may be made using J6B above
on pins 19 and 20.
Then, J16 (to left) is not required.

'R_BL1' should be fitted. Use Zero ohms or a wire link.

THE CONNECTORS SHOWN HERE ARE NOT ON THE BOM.

280909

Title: Trxavr 128x64 LCD CONNECTIONS		
Size: B	Number: VK3PE	Revision: DRAFT
Date: 28-Sep-2009	Sheet of	
File: F:\TrxAVR PCB\..\Trxavrb_128x64_Graphic_LCD_CONNECTIONS_1.Sch	Drawn By:	