

Avolites Ltd.
Engineering Change Notice

Title	ST90R40 Adaptor Board
ECN Number	ECN-0126
Equipment	All desks using a Borris2 motherboard.
Author	Alwyn Fernandes
Drawing Number	
Date	25/07/00

Reason for ECN	The ST90R40 is no longer available
Special Parts required	Replacement board SAB 6815A (1201-6815AA)
Special Tools required	None

Work Required

Do **NOT** fit the following components on the Borris2 motherboard (BRS 1050C): -

1. Crystal X300 (24MHz)
2. Capacitors C300 and C301 (22pF)
3. Capacitor BY300 (100nF)
4. The 68pin PLCC socket for IC300 and the ST90R40 processor.

Fit the following to Borris2: -

1. In place of the 68pin PLCC socket fit six 9way pin headers (03-05-0014) and two 7way pin headers (03-05-0013).

- Carefully fit the assembled st90r40 adaptor board (SAB 6815A) onto the pin headers on the Borris2 motherboard – IC300.
- Fit a jumper in position 4 (counting from the top).
- Update the AVOS in the desk.
- Update the desk software.