

Avolites Ltd.
Engineering Change Notice

Title	Pearl Midi Modifications
ECN Number:	ECN-0102
Equipment:	Borris motherboards
Date:	11/12/98
Author:	Adam Proffitt
Revision:	1.0

Reason for ECN: Software now supports midi control

Special Parts Required: EXO 16MHz Oscillator IC
Thin insulated (wire wrap) wire

Special Tools Required: None

Work Required:

The work consists of modifying the Borris motherboard.

Modifying the Borris motherboard

1. Remove the 68340 processor
2. Carefully bend out pin A7
3. Connect the wire to this pin
4. Replace the processor making sure that the base of the bent out pin does not make contact with the socket
5. Connect the other end of the wire to pin 2 of IC 707 (near floppy disk controller - FDC IC)
6. Fit the EXO IC into this socket (the socket is marked 19 MHz FDC clock)
7. Make Links 2 & 3 of LINK 700
8. Remove the 0.1uF capacitor C7 (next to MIDI PORT)

