Avolites Ltd.
Engineering Change Notice

Title	Boris3 Real Time Clock Modification
ECN Number	ECN-0151
Equipment	Boris 3 Motherboards used in: - Azure, Pearl 2000/2004, Sapphire 2000
Author	Alwyn Fernandes
Drawing Number	
Date	27/02/2003

Reason for ECN	The original RTC chip (DS1202) used on Boris motherboards has become obsolete. It been superseded by a pin compatible device (DS1302). As a result, the RTC clock sometimes gets corrupted on the Boris3 motherboard. The solution is to fit A 470pF between pins 4 & 5 of the DS1302 chip (U22)
Special Parts required	470pF capacitor (06-03-0016)
Special Tools required	None