

Avolites Ltd.

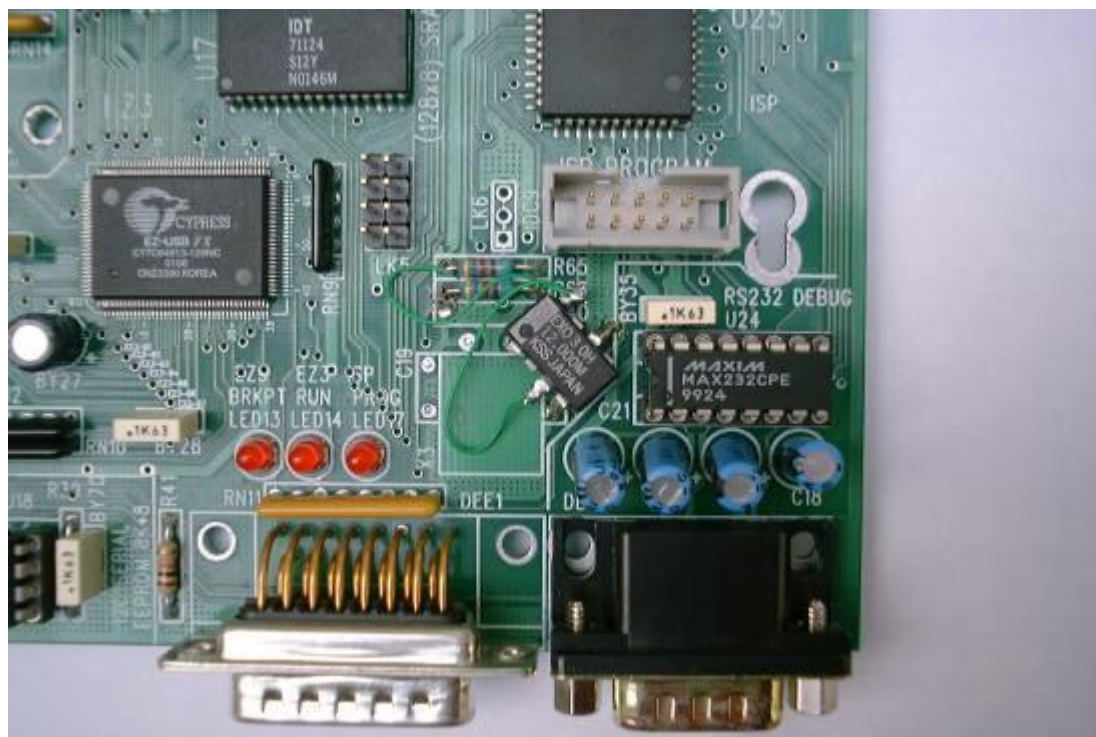
Engineering Change Notice

Title	EZ DMX Oscillator Modification
ECN Number	ECN-0147
Equipment	
Author	Adam Proffitt
Drawing Number	
Date	03/12/2002

Reason for ECN	Crystal circuit gives noise on internal pll.
Special Parts required	12MHz Oscillator EXO3 (05-03-0417)
Special Tools required	

Work Required

1. Remove crystal oscillator components X3,C19,C20,R40.
2. Break off pins 2,5 and 7 of EXO3 oscillator.
3. Bend up and trim pins 3 and 8.
4. Solder pins 1, 4 and 6 into holes of the pcb as shown in photo.
5. Connect 3V3 supply wire from R65 to pins 3 and 8.



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