

# Midwest Scientific Instruments

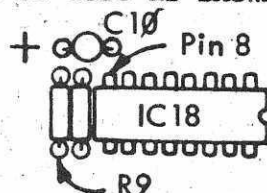
## Bulletin Board Updates

P.N. 978, SI-1, Serial Interface

REVISE value of R21 and R22 FROM: 100 ohm,  $\frac{1}{4}W$  TO: 100 ohm,  $\frac{1}{2}W$

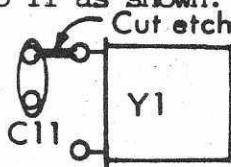
P.N. 979, CP-1, CPU

1. REVISE value of R14 FROM: 120 ohm,  $\frac{1}{4}W$  TO: 100 ohm,  $\frac{1}{2}W$
2. REVISE C10 FROM: DISC, .1UF TO: TANT, 1UF  
INSTALL C10 with positive side directly above R9 and negative side directly above PIN 8 of IC18 as shown:



3. ADD C19, ELEC, 25UF, 25V  
INSTALL C19 at the 50 Pin Connector with positive side at PIN 21, +8VUR, and negative side at PIN 26, GND.
4. Add R19, 100 ohm  $\pm 5\%$ ,  $\frac{1}{4}W$   
INSTALL R19 from C11 to Y1 as shown:

COMPONENT SIDE VIEW



P.N. 985, AC-1, Audio Cassette Interface

REVISE value of R3 FROM: 68K ohm TO: 22K ohm

P.N. 986, RAM-16, 16K RAM

ADD C58, ELEC, 25UF, 25V

INSTALL C58 at the 50 Pin Connector with positive side at PIN 21, +8VUR, and negative side at PIN 26, GND.

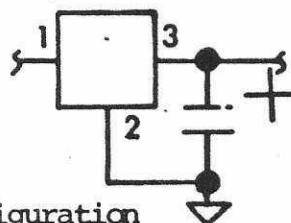
ALL BOARDS WITH 7805, 7812 &/OR 7905 VOLTAGE REGULATORS (except EPR-8)

REVISE the bypass capacitor on the output

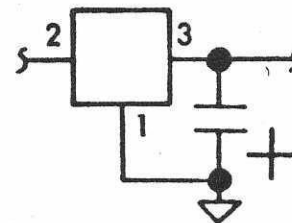
FROM: DISC, .01UF OR DISC, .1UF TO: TANT, 1UF

INSTALL as shown:

7805 or 7812



7905



HD-8/R, 10 Megabyte Disk Drive -- Strap Configuration

1. REMOVE rear panel to expose the wire-wrap jumper options.
2. REMOVE the jumper between PINS 51 & 52.
3. INSTALL jumper between PINS 50 & 52 (enables the head retract on controller power loss feature).
4. REMOVE the jumper between PINS 16 & 17.
5. INSTALL jumper between PINS 16 & 18 (enables the head restore on disk read error feature).