



**DOCUMENT CHANGE NOTICE (DCN)**

DOCUMENT No. (DOC-REV-GP.ID)	TITLE	NEW REV.
D980352-C-C	<b>Pre-Modecleaner Servo</b>  <b>This change pertains to Rev C boards only.</b>	<b>C1</b>

**CHANGE DESCRIPTION (FROM/TO):**

1. Schematic Reference Designation errors:
  - R8 re-designated R5, R5 = 9.09K
  - R5 re-designated R8, R8 = 10K
2. U2 from LT1028 to AD797
3. Schematic correction: R26 (open end) shown on Rev C connect to U13-10.

**REASON FOR CHANGE:**

1. The Rev C schematic does not reflect the layout.
2. LT1028 shows signs of instability at high levels. It has an 80-ohm output resistance and has difficulties driving the 100 ohm input resistance of the following stage. An AD797 is capable of higher output drive, better slew-rate, extends the stage bandwidth from 500 KHz to 1 MHz and exhibits no instability.
3. Schematic correction: R26 is physically connected to U13-10 on the PCB but not shown on any schematics

**ACTION:**

Incorporate Change   
  Attach DCN to drawings(s)   
  Other action (specify):

DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS)		DCN DISTRIBUTION
<input type="checkbox"/>	No hardware was affected (record change only):	Coyne, R. Abbott, Heefner, Savage, King, Liu, Tyler, McCarthy, Wooley, Russell, Sanders, Barish, Matherny, Whitcomb, Coles, Raab, Weiss, Stapfer, Lindquist, Lazzarini, Shoemaker, Kovalik, B. Abbott
<input checked="" type="checkbox"/>	List S/Ns which comply already: BL1004	
<input checked="" type="checkbox"/>	List S/Ns to be reworked/scrapped: All Rev C boards ONLY	
<input checked="" type="checkbox"/>	List S/Ns to be built with this change: All Rev C boards ONLY	
<input checked="" type="checkbox"/>	List S/Ns to be retested per this change: All Rev C boards ONLY	

SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT?		<input checked="" type="checkbox"/> YES (If yes, enter CR (CCB) or TCP (TRB) #	
APPROVALS	DATE	OTHER APPROVALS (specify)	DATE
Originator: R. Karwoski	11/12/01		
Task Leader:			
Group Leader: D. Coyne			
DCC Release:			