



DOCUMENT CHANGE NOTICE (DCN)

DOCUMENT No. (DOC-REV-GP.ID)	TITLE	NEW REV.
D980536-F-C	Frequency Stabilization Servo	F01

CHANGE DESCRIPTION (FROM/TO):

1. U12, U13, U16, U17 have additional 1uf caps from their output pins to ground.
2. 5 pf, C70 added across U19 feedback resistor
3. U1 changed from an LT1028 to an AD797

REASON FOR CHANGE:

1. Some regulators have been found to oscillate without added capacitance.
2. The capacitor eliminates excessive ringing or oscillation exhibited by some op-amps by neutralizing input capacitance.
3. The LT1028 performs poorly into the 100 ohm input resistance of the AD602 (U8).

ACTION:

Incorporate Change

Attach DCN to drawings(s)

Other action (specify):

DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS)		DCN DISTRIBUTION
	No hardware was affected (record change only):	D. Coyne, R. Abbott, J. Heefner, R. Savage, P. King, S. Liu, W. Tyler, R. McCarthy, R. Wooley, P. Russell, G. Sanders, B. Barish, O. Matherny, S. Whitcomb, M. Coles, R. Raab, R. Weiss, G. Stapfer, P. Lindquist, A. Lazzarini, D. Shoemaker, J. Kovalik, B. Abbott
X	List S/Ns which comply already: BL2020/BL2022	
	List S/Ns to be reworked/scrapped:	
X	List S/Ns to be built with this change: All FSS boards should incorporate this change	
X	List S/Ns to be retested per this change: All FSS boards	

SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT?		<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	YES (If yes, enter CR (CCB) or TCP (TRB) #	
APPROVALS		DATE		OTHER APPROVALS (specify)		DATE
Originator: R. Karwoski		01/11/02				
Task Leader:						
Group Leader: D. Coyne						
DCC Release:						