California Institute of Technology Massachusetts institute of Technology		DCN No. E040012-00-C	
Document C	Change Notice (DCN)	Sheet 1 of 3	
DOCUMENT No. (DOC-REV-GP.ID)	TITLE		NEW REV
D030168-A	DO30168-A LOS Coil DAQ Whitening board		A2
CHANGE DESCRIP Cut the ground connec	TION (FROM/TO): tion to U29 pin 2 on the board.		
Remove resistors R89.	R98, and R99. Change resistor R90 to 10B	X ohms to fix a fault instability.	
be ineffective. A set of modification. Also the changed from 2.5 volt voltage divider circuit. Remove Diodes D3, 4	h voltage levels and or spikes. The existing 8 BAT-85 diodes mounted on small circuit fault threshold level that switches in a large level to a 0.83 volt level. This is accomplished, 5, 6, 7, 8, 9, 10 and Resistor R87. 2 K ohm 1206 resistor at R87	t boards are added to each channel resistor to further protect the ir	nel by this nputs was
REASON FOR CHA	NGE: See change description		
ACTION: X Inc	orporate Change Attach DCN to Drawings	Other Action (specify):	
DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS) DCN DISTRIBUTION		UTION	
No hardware was a	ffected (record change only):	Barish Coles Coyne	
List S/Ns which con	mply already: 100, 101, 103, 104, 105, 107	Lazzarini Lindqui Shoemaker Stapfer	ist Sanders Tyler
List S/Ns to be reworked: 102, 106, 108-114 Weiss Whitcom Raab			
List S/N's to be bui	lt with this change: All greater then 115	Kaau	
List S/Ns to be rete	sted per this change:		
SAFETY, COST, SCHEDU	LE, REQUIREMENTS IMPACT? NO	YES (If YES, enter CR (CCB) or TCl	

APPROVALS:

TASK LEADER: Jay Heefner for J. Heefner

ORIGINATOR: Todd Etzel

GROUP LEADER:
DCC RELEASE:

DATE

1/22/04

OTHER APPROVALS (SPECIFY)

DATE



California Institute of Technology Massachusetts institute of Technology Document Change Notice (DCN)

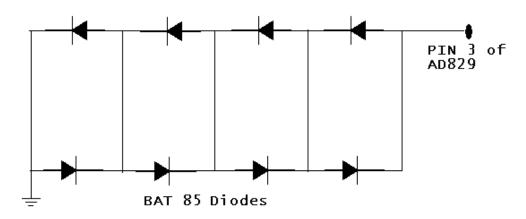
DCN No. E040012-00-C

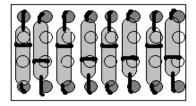
Sheet 2 of 3

CHANGE DESCRIPTION (FROM/TO):

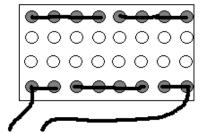
Construct 4 clamper circuits (shown below) using Qty: 8, Type: BAT 85, diodes per clamper (total Qty: 32 for all 4 channels).

Suggested construction is on tiny 4X8 perf-boards that will fit under the shield and provide access to other components if any future testing and/or troubleshooting is needed (see picture)





BAT 85 Diodes





<u>California Institute of Technology</u> Massachusetts institute of Technology

Document Change Notice (DCN)

DCN No: E040012-00-C

Sheet 3 of 3

CHANGE DESCRIPTION (FROM/TO):

