

Problem/Failure Report THM_PFR_042

Assembly: FM2 Component: U1 Originator: Robert Abiad Phone: (510) 642-0302		SubAssembly: DCB SN 1 Date:4/28/2005 Organization: UCB/SSL Email: abiad@ssl.berkeley.edu				
					ed During (Check on	
					O \	C Integration \square Launch operations $\sqrt{\text{Other (Flight Assy)}}$
					hen failure occurred	1 1
$\sqrt{\text{Ambient}}$	□ Vibration	☐ Shock ☐ Acoustic				
☐ Thermal	□ Vacuum	☐ Thermal-Vacuum ☐ EMI/EMC				
	Pro	blem Description				
While testing at the an oscilloscope gro seen to be in contact	board level, pin A2 (EFI_und clip. The signal on C2 at with A2, it was removed	e specific symptoms which exhibited the problem. In the ever was much as possible.) CLK) on the backplane was shorted to pin A1 (GND) through disappeared from the scope. When the grounding clip was and the signal on C2 reappeared. Cormed to Determine Cause Was it a bad part, bad handling, what?)				
(How do we fix the		ve Action/ Resolution e sure it doesn't happen again?)				
	ing the driver. Even thoug replaced.	1 ohm resistor. This would amount to 161 mA which is gh the driver (AC14) appears to be functioning perfectly, I				
Acceptance: MAM: Ron Jackson	n	; MSE: Ellen Taylor				
PM: Peter Harvey_		; Cognizant Engineer				
D (CCI						