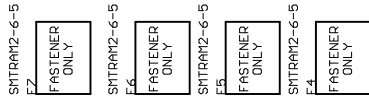


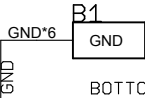
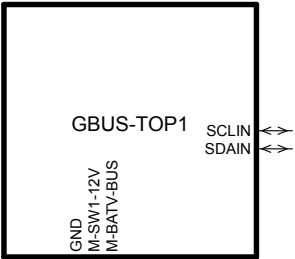
FOR REFERENCE ONLY

DO NOT DELETE OR MODIFY WITHOUT AUTHORIZATION  
EACH BLOCK IS LINKED TO SCHEMATIC MODULE.

Sectional Modules for Micro-Cathode Arc Thruster Subsystem  
CT - Communications/Test  
GBUS - GWU Cubesat Alt. Bus  
CU - Control Unit  
PM - Power Management  
PD - Power Distribution  
PPU - Plasma Power Unit  
THL - Thruster Head (Left Hand orientation)  
THR - Thruster Head (Right Hand orientation)



SPECIAL NOTE: THIS MODULE IS ACTUALLY GBUS-BOTTOM1,  
BUT DUE TO EARLIER DESIGN ISSUES IS REFLECTED IN NETLIST / BOARD LAYOUT  
as GBUS-TOP1 (on BOTTOM PCB).



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SECTION:			MCAT SUBSYSTEM CANYVAL BOTTOM PCB	
TITLE:			MCAT-CANYVAL-BOTTOM-5X	
Date Code:		20150302102847	Author:	REV:
			SH, N3RDX	5X
Date: 3/8/2015 3:01:07 PM			Sheet: 1/1	

Design: Samudra Haque, and George Teel  
 Dept. of Mechanical and Aerospace Engineering  
 The George Washington University  
 (202) 812-3325

A

B

C

D

E

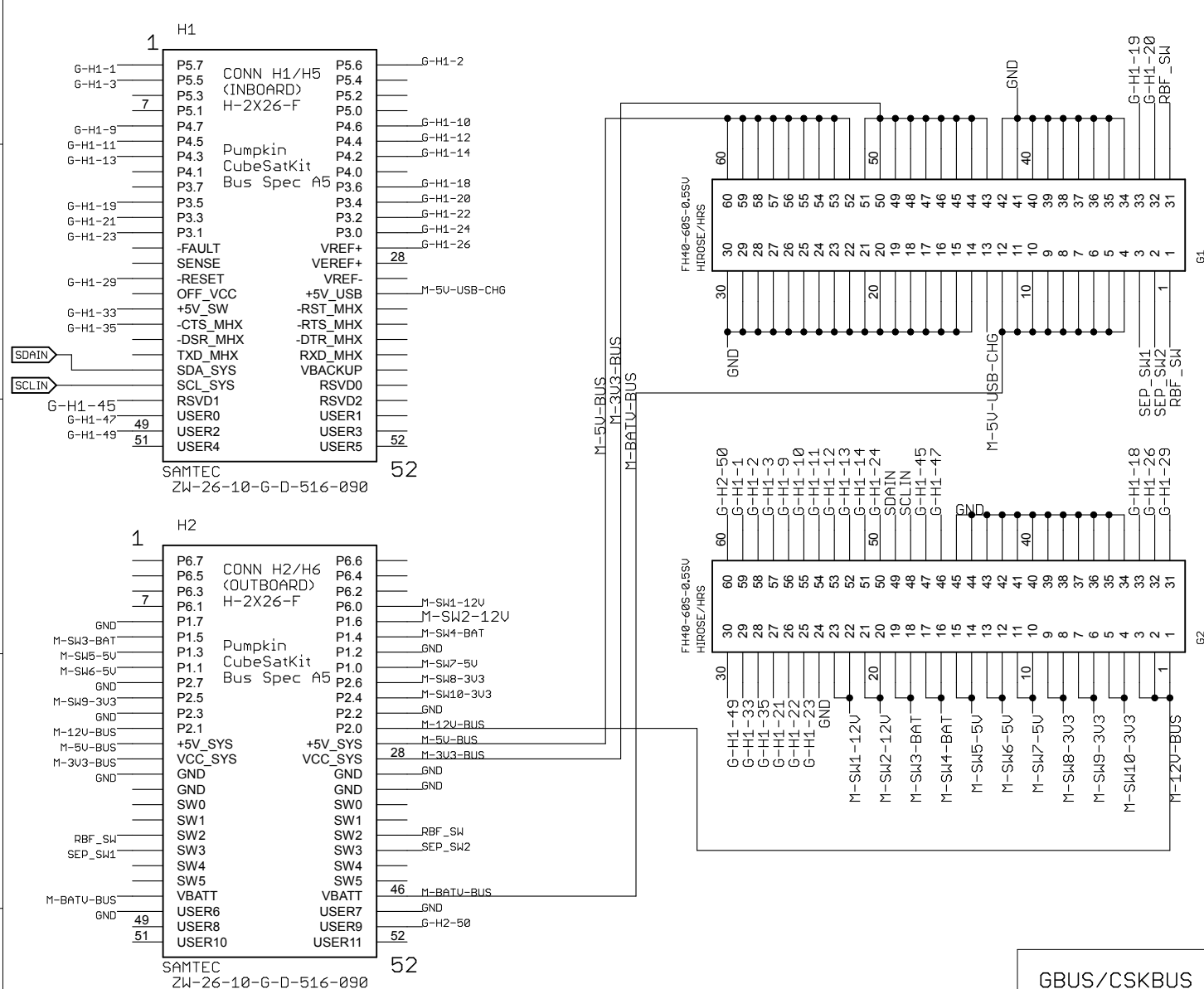
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GBUS/CSKBUS GW Bus / Cubesat Kit Bus	
TITLE: MCAT-CANYVAL-BOTTOM-5X	
Document Number:	REV:
Date: 3/8/2015 3:01:07 PM	Sheet: 1/1