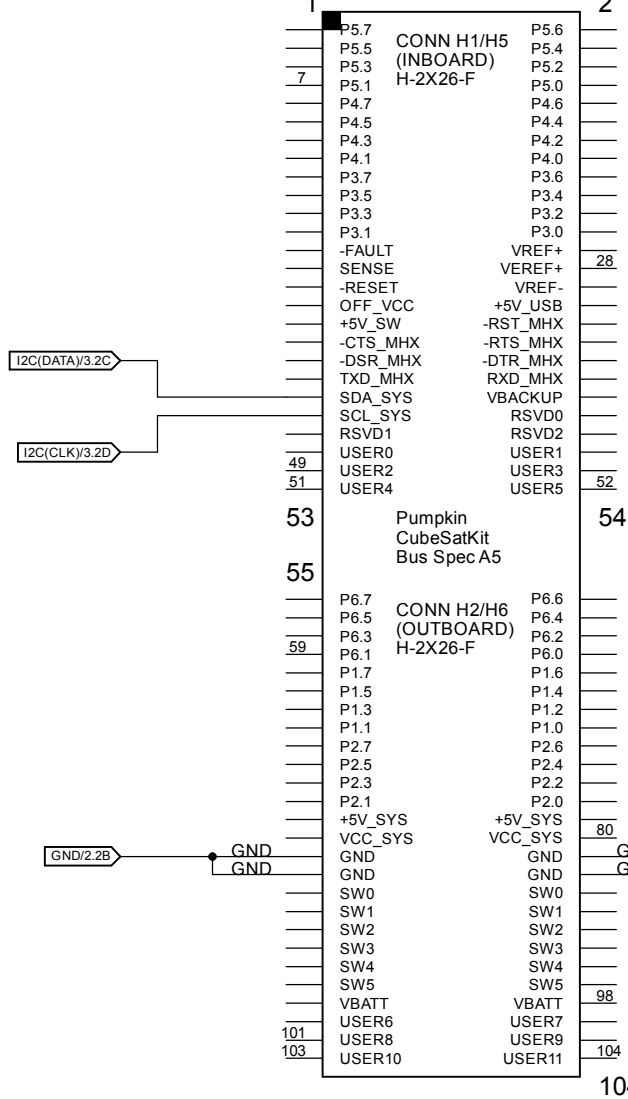


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J1
2 x ESQ-126-39-G-D

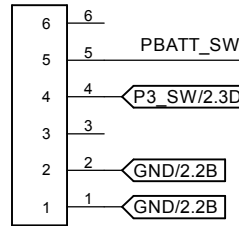


Section Names:

CU - Control Unit
PM - Power Management
PD - Power Distribution
I/F - Interface
TU - Thruster /PPU PCB Upper
TL - Thruster/PPU PCB Lower

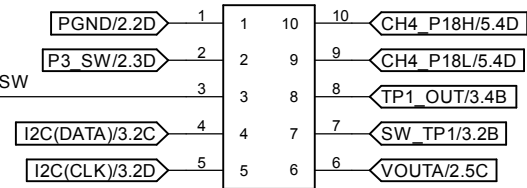
Connections to/from BricSat-P Bus

J2
M80-6810642



Subsystem Test Points

J3
AMPMODU 5X2 SMT HDR



I/F - CubeSatKit Bus Interface Section

TITLE: mcat-4cu-b-v2e

Document Number:

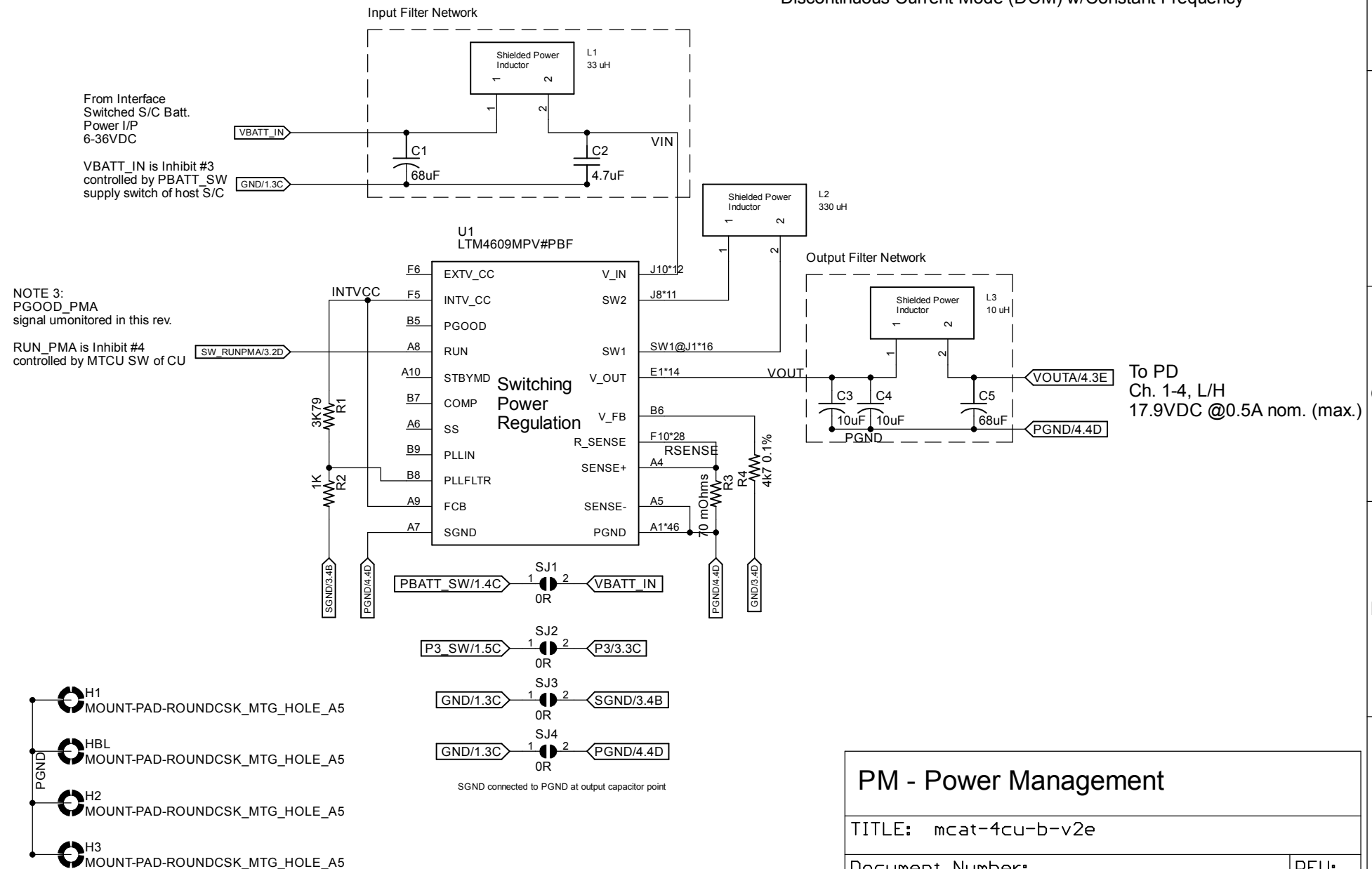
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2E

Date: not saved!

Sheet: 1/5

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Switching Regulator
f = 300 kHz
Input = 6-36VDC (@7.2V, 1.56A)
Output = 17.82VDC (@17.82VDC, 0.5A, max.)
Ripple = 0.05 mVpp
Discontinuous Current Mode (DCM) w/Constant Frequency



PM - Power Management

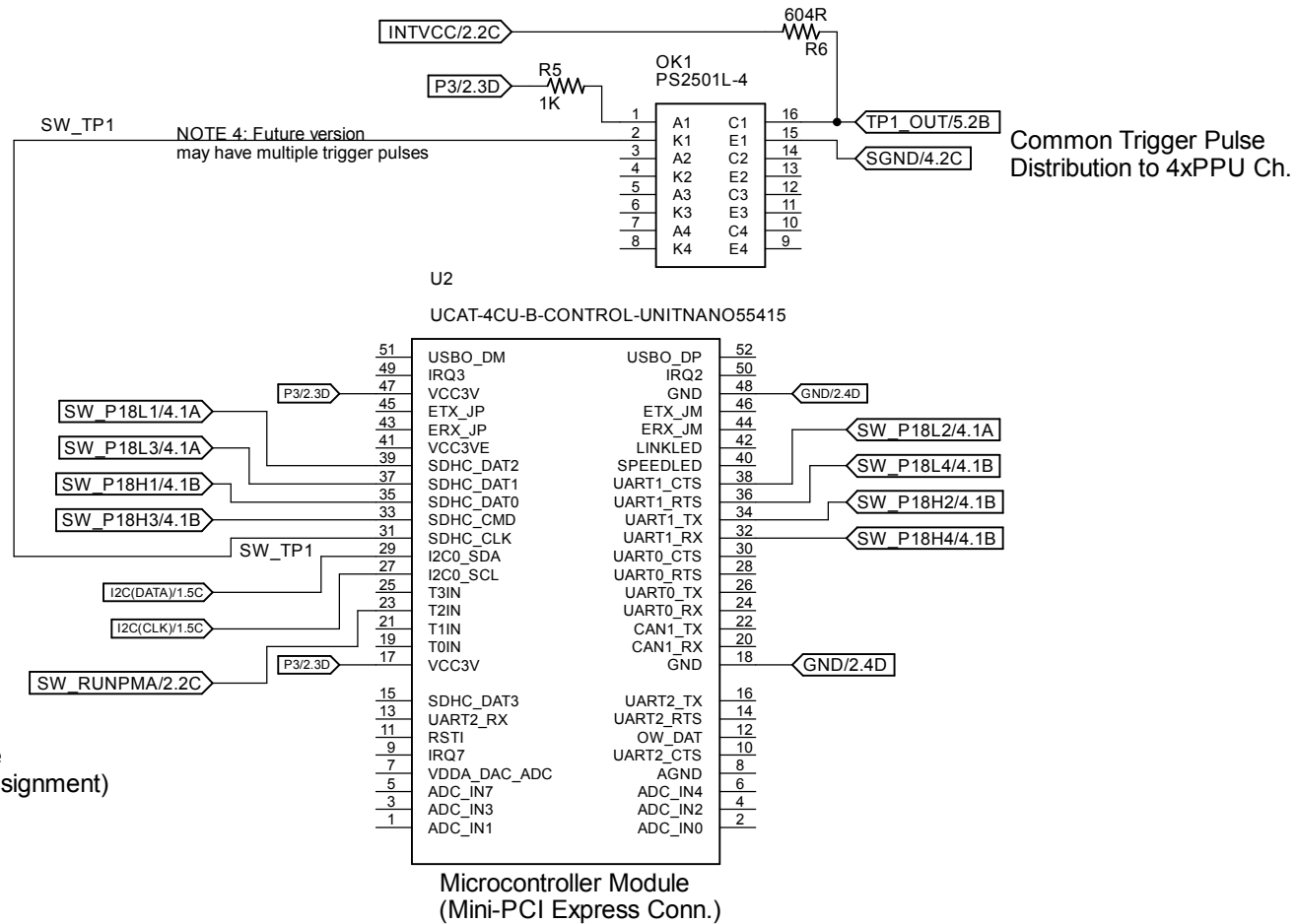
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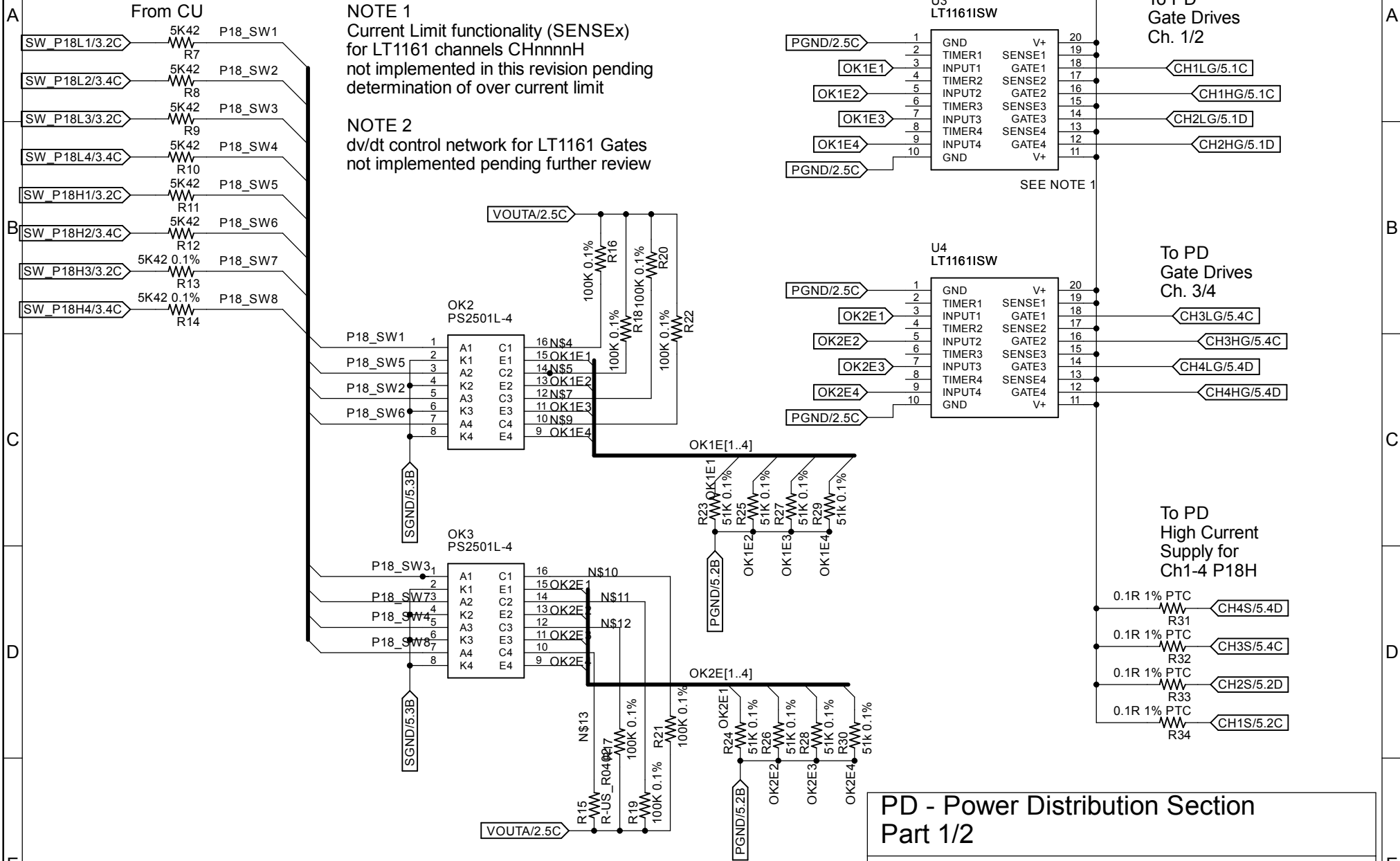
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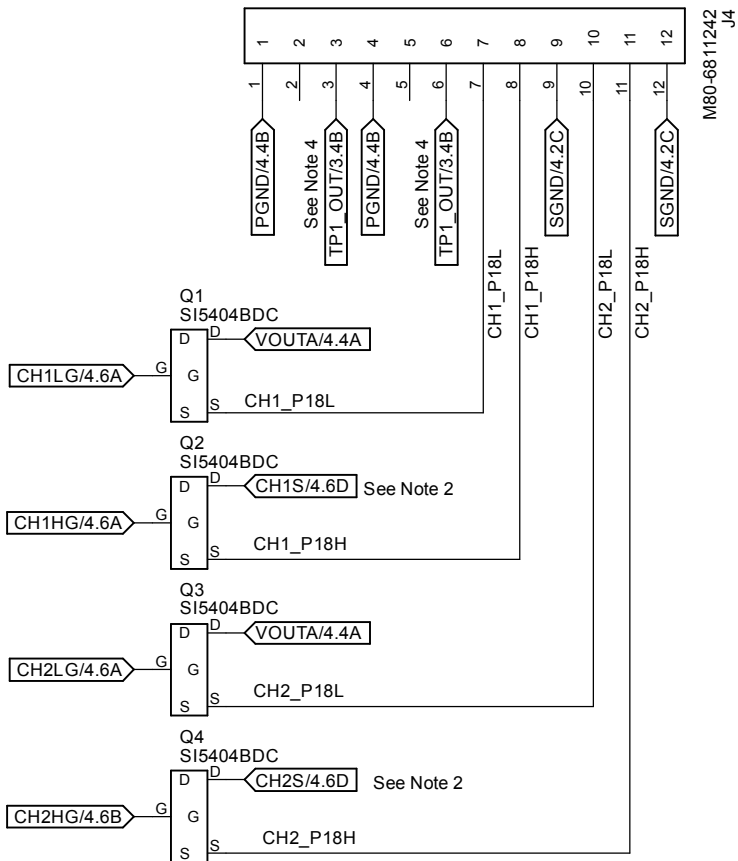


CU - Control Unit Section	
TITLE: mcat-4cu-b-v2e	
Document Number:	REV: 2E
Date: not saved!	Sheet: 3/5

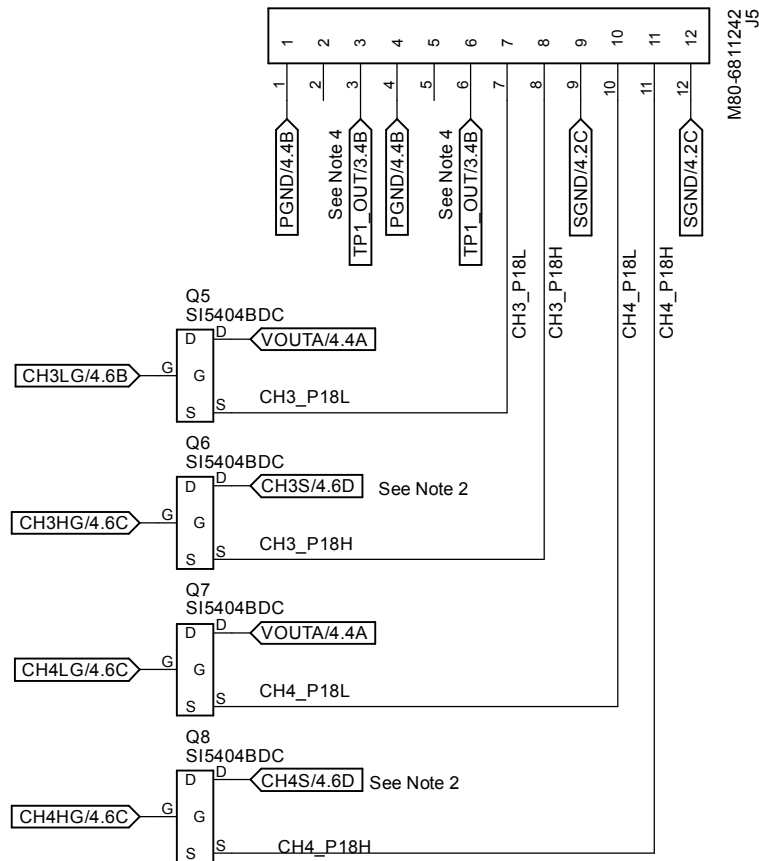
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To Thruster/PPU PCB Upper (TU)
 Ch. 1/2



To Thruster/PPU PCB Lower (TL)
 Ch. 3/4



PD - Power Distribution Section
 Part 2/2

TITLE: mcat-4cu-b-v2e

Document Number:

REV:
 2E

Date: not saved!

Sheet: 5/5