

NOTES:

1. PLACE NET NAMES ON ALL JUMPERS AND HEADERS.
2. PLACE ALL PARTS OTHER THAN SMA CONNECTORS ON A 0, 45 OR 90 DEGREE ORIENTATION.
3. SERIAL DATA SHOULD BE ROUTED AS 100 OHMS DIFFERENTIALLY. ROUTED POWER SHOULD BE A MINIMUM OF 40 MILS WIDE.
4. USE FR4-370 MATERIAL FOR ALL LAYERS.
5. PLACE TI LOGO, BOARD NAME, AND THE BOARD NUMBER IN TOP SIDE METAL.
6. SEE ADDITIONAL NOTES IN SCHEMATIC PAGES

REVISIONS

ECR	ECR NUMBER <ECR>	DATE <DATE>

SCHEMATIC SHEET INDEX:

- SHEET 01: SURGE PROTECTED CAN EVM BOARD COVER SHEET AND NOTES
- SHEET 02: TVS PROTECTION SCHEME
- SHEET 03: TVS/TBU/MOV PROTECTION SCHEME
- SHEET 04: TVS/TBU/TISP PROTECTION SCHEME
- SHEET 05: TVS/TBU/GDT PROTECTION SCHEME
- SHEET 06: POWER

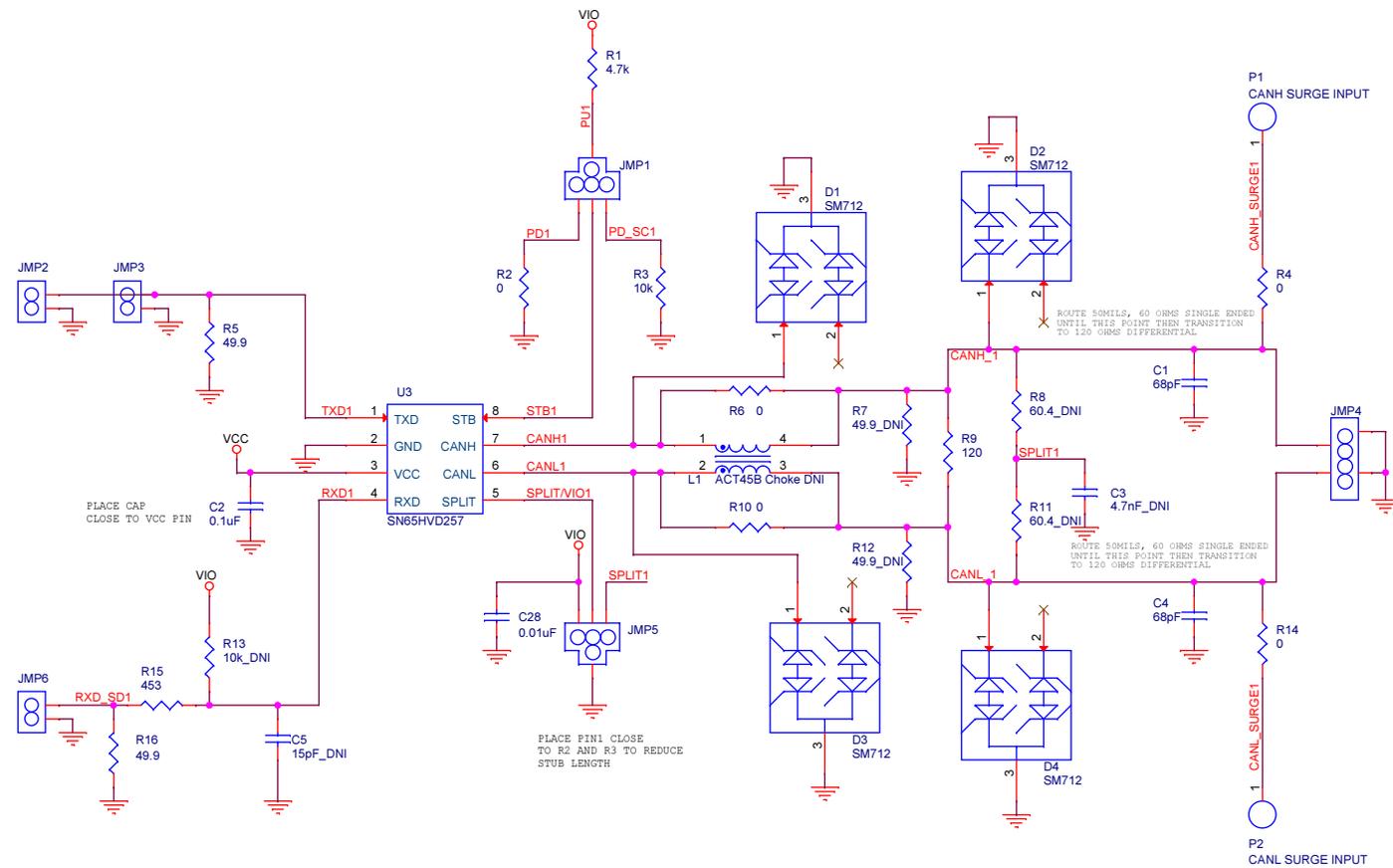
SN65HVD1040 DATA SHEET REVISION: x.x.x
 DATA SHEET LAST UPDATED ON: xx/xx/xx



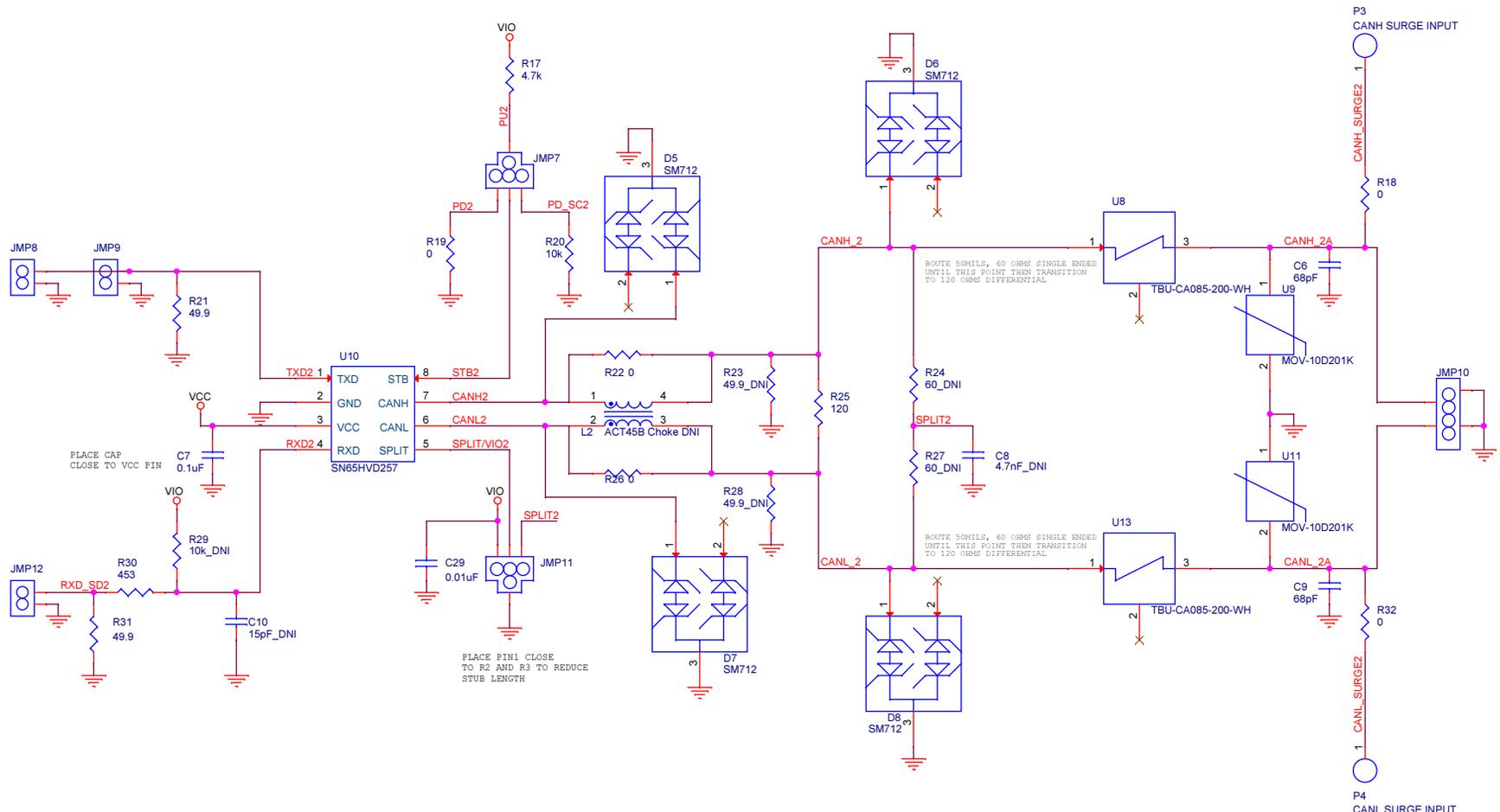
TEXAS INSTRUMENTS	
SCHEMATIC TITLE	
TIDA-00629 ESD, EFT, & SURGE Protected CAN	
PAGE TITLE	
COVER PAGE	

ENGINEER	DATE
M. PEFFERS	6/3/2015
LAYOUT	DATE
KRYPTON SOLUTIONS	6/3/2015
RELEASED	DATE
M. PEFFERS	6/3/2015

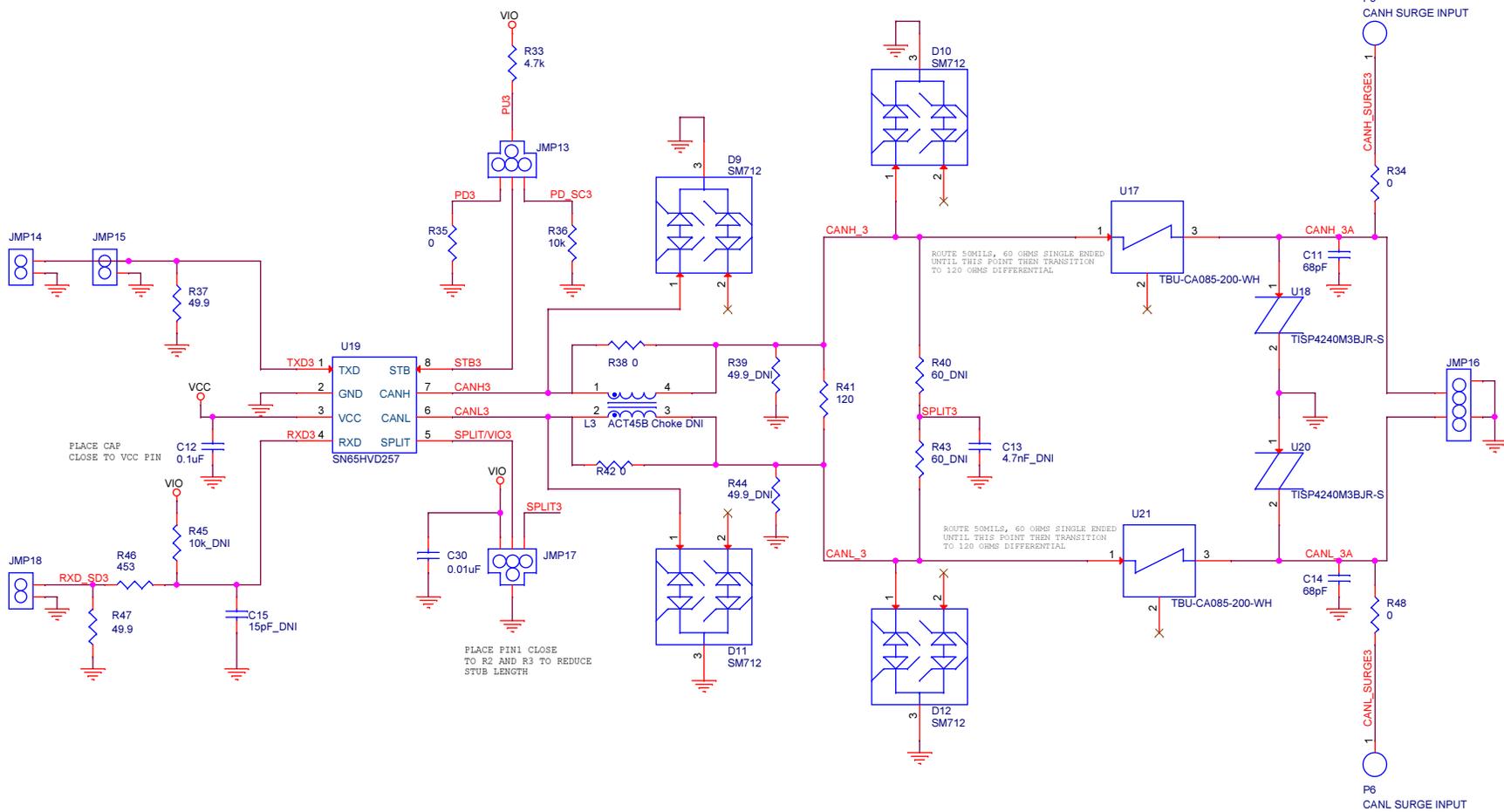
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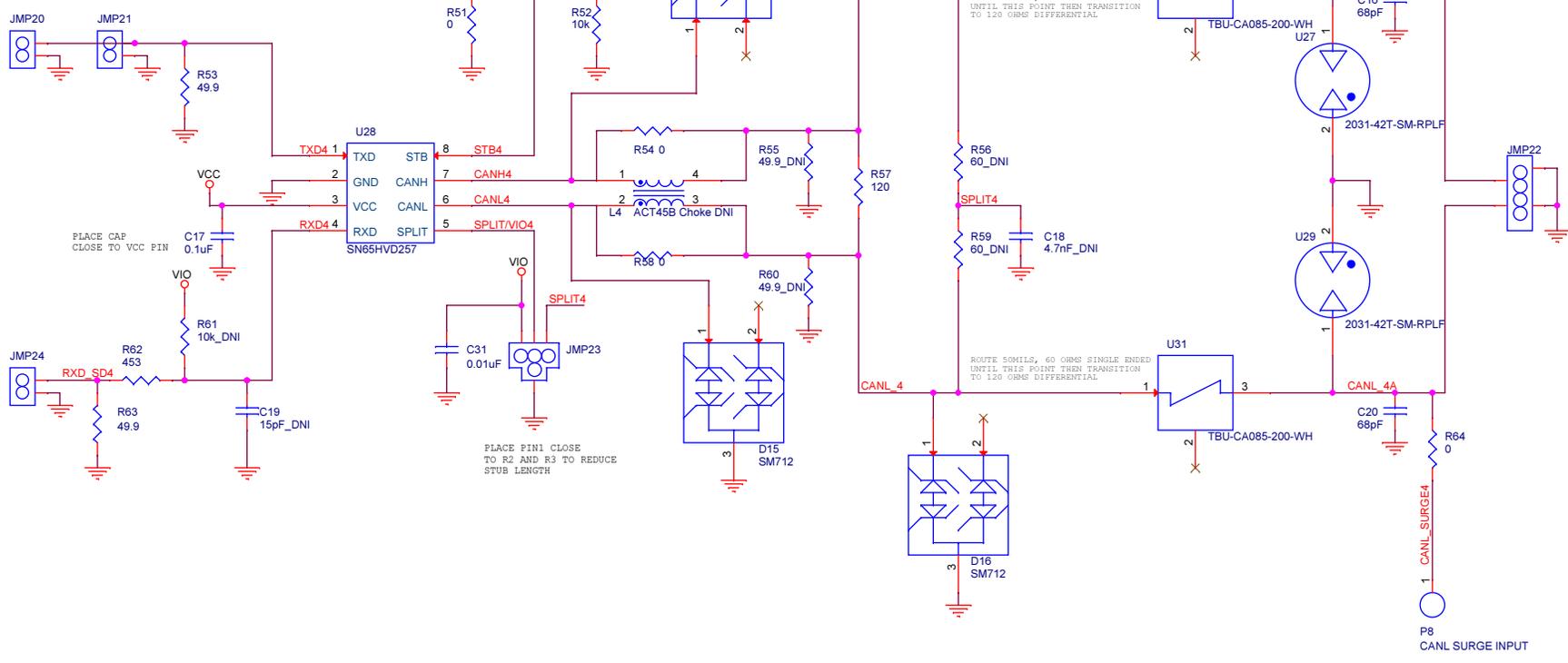
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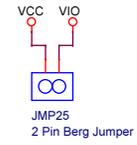
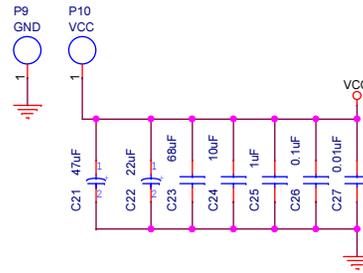
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POWER & GROUND

NOTE: PLACE GND BANANA JACKS 750 MIL CENTER TO CENTER SPACING WITH A POWER BANANA JACK LOCATED BETWEEN TWO POWER JACKS OFFSET ON A DIAGONAL.



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