

MAXWELL LCD ADAPTER BOARD

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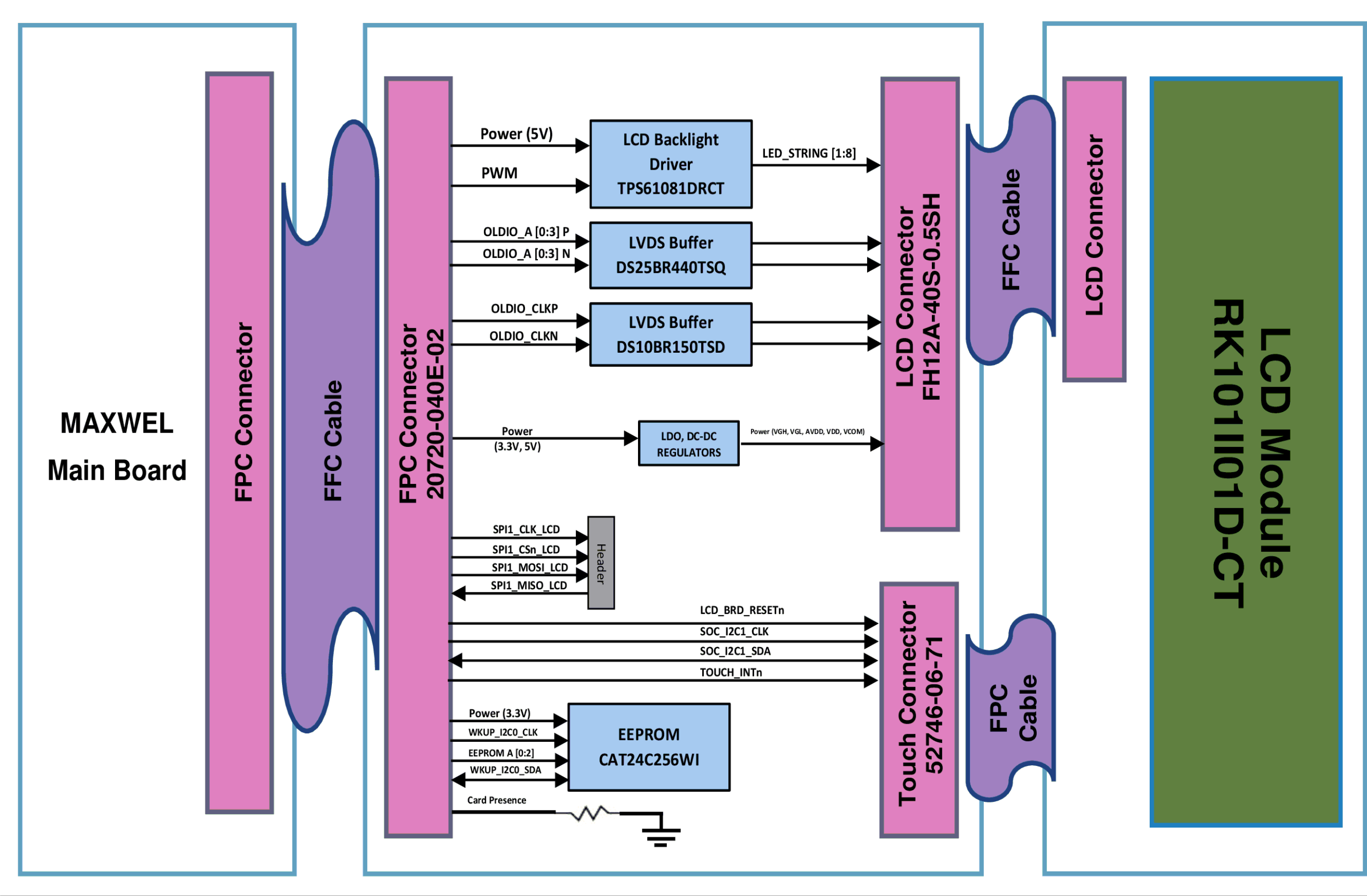
REV	E3
VER	1.0

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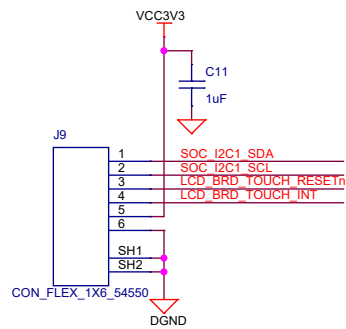
VERSION HISTORY

VER #	DATE	DESCRIPTION OF CHANGES	AUTHOR	REVIEWED BY	APPROVED BY
0.1	02nd JULY 2018	Drafted from "PROC070_OLDI-LCD1EVM_SCH_REV E2" document.	Mistral Design Team	AJIT MB	AJIT MB
0.2	02nd JULY 2018	C31,C36 & C38 capacitor package changed to 0805	Mistral Design Team	AJIT MB	AJIT MB
1.0	03rd JULY 2018	Baselined	Mistral Design Team	AJIT MB	AJIT MB

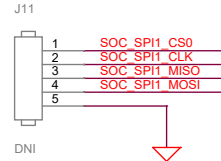
BLOCK DIAGRAM



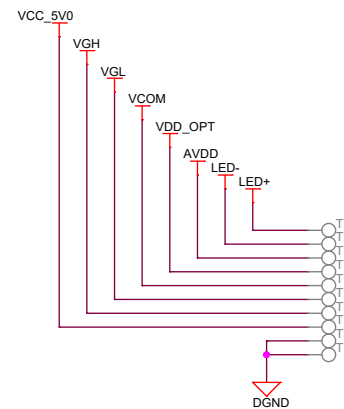
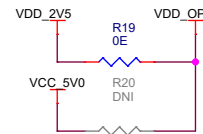
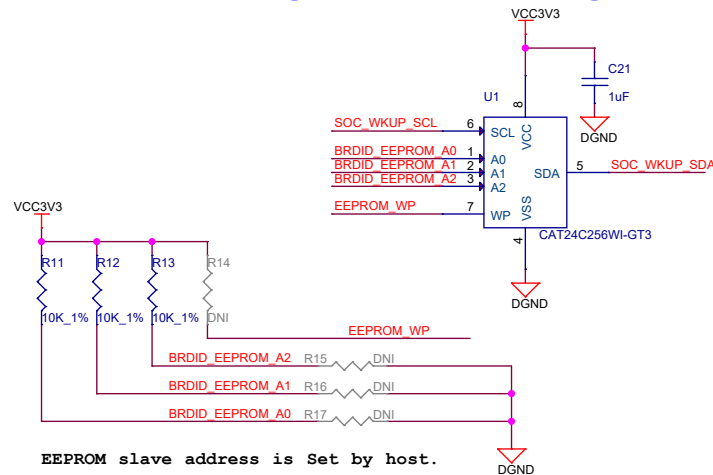
LCD CTP CONNECTOR



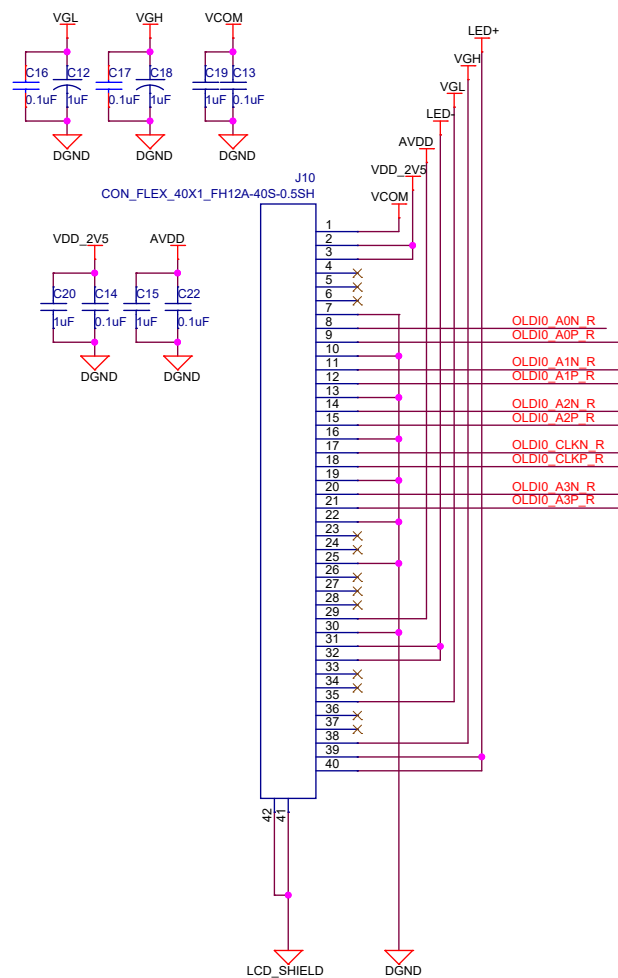
SPI HEADER



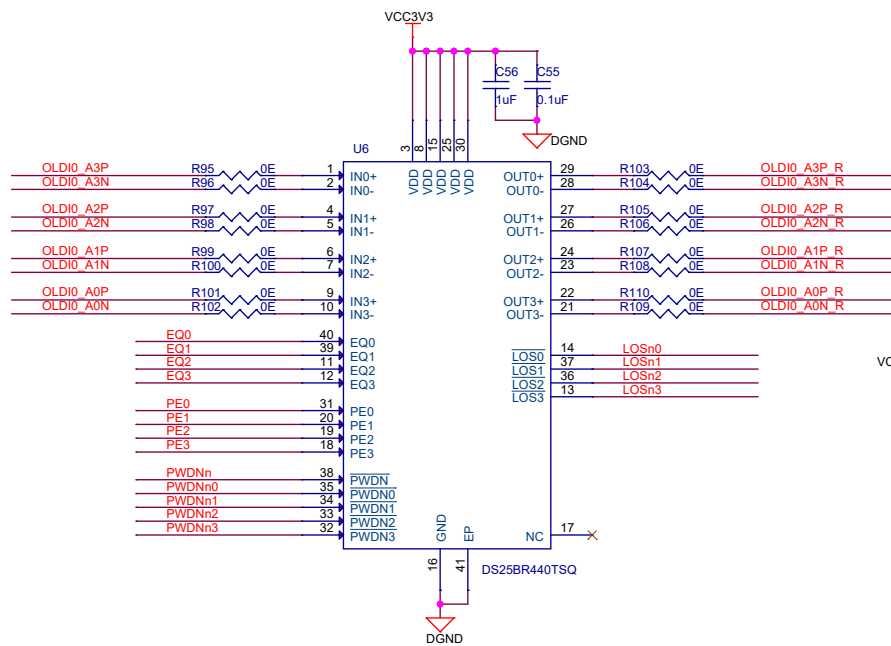
BOARD ID EEPROM



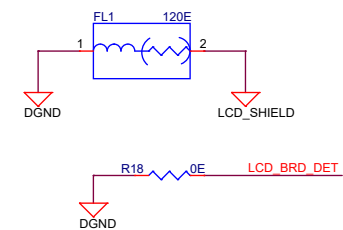
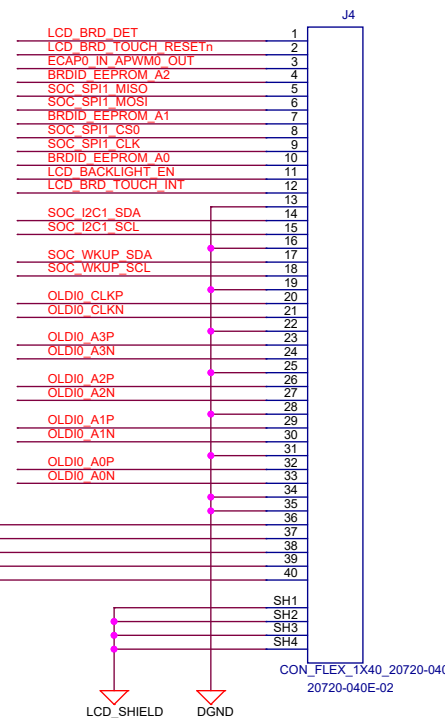
LCD MODULE CONNECTOR



LVDS BUFFER

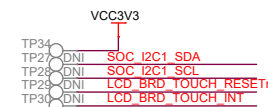


LCD FFC CABLE CONNECTOR (Main Board)



ECAP0_IN_APWM0_OUT
LCD_BACKLIGHT_EN

LCD TOUCH TESTPOINTS



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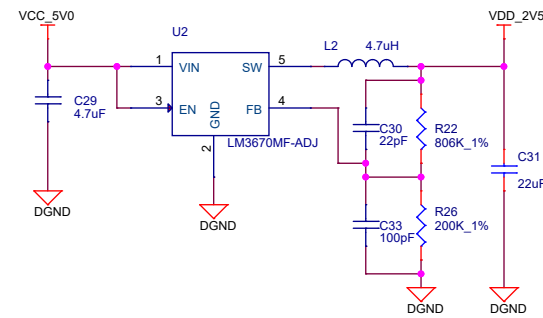


Title LCD CONNECTOR & EEPROM

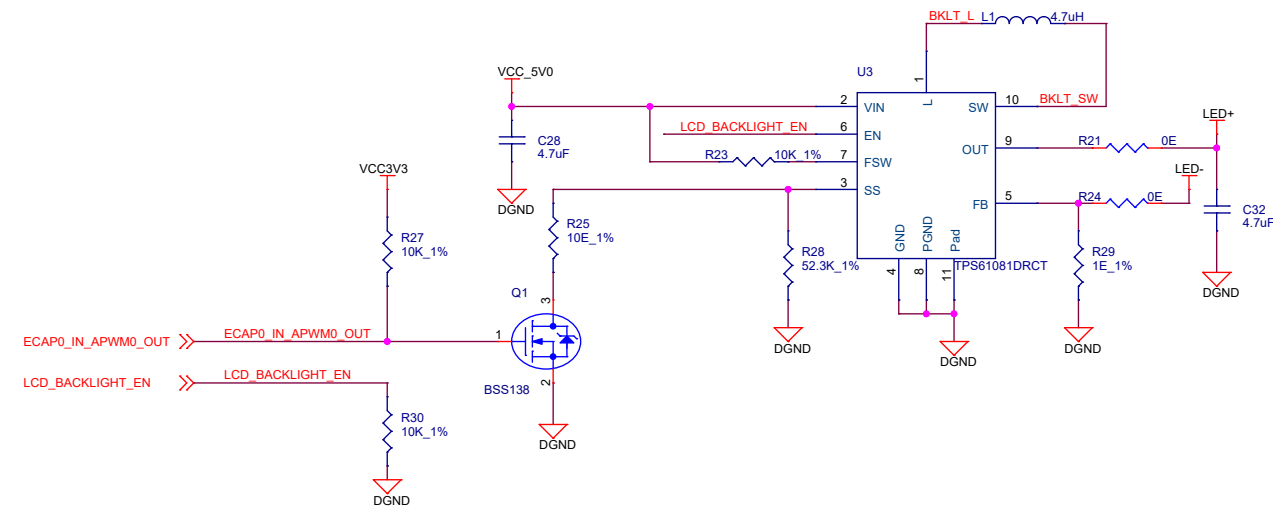
Size PROC070, OP# TMSLCD1EVM Rev

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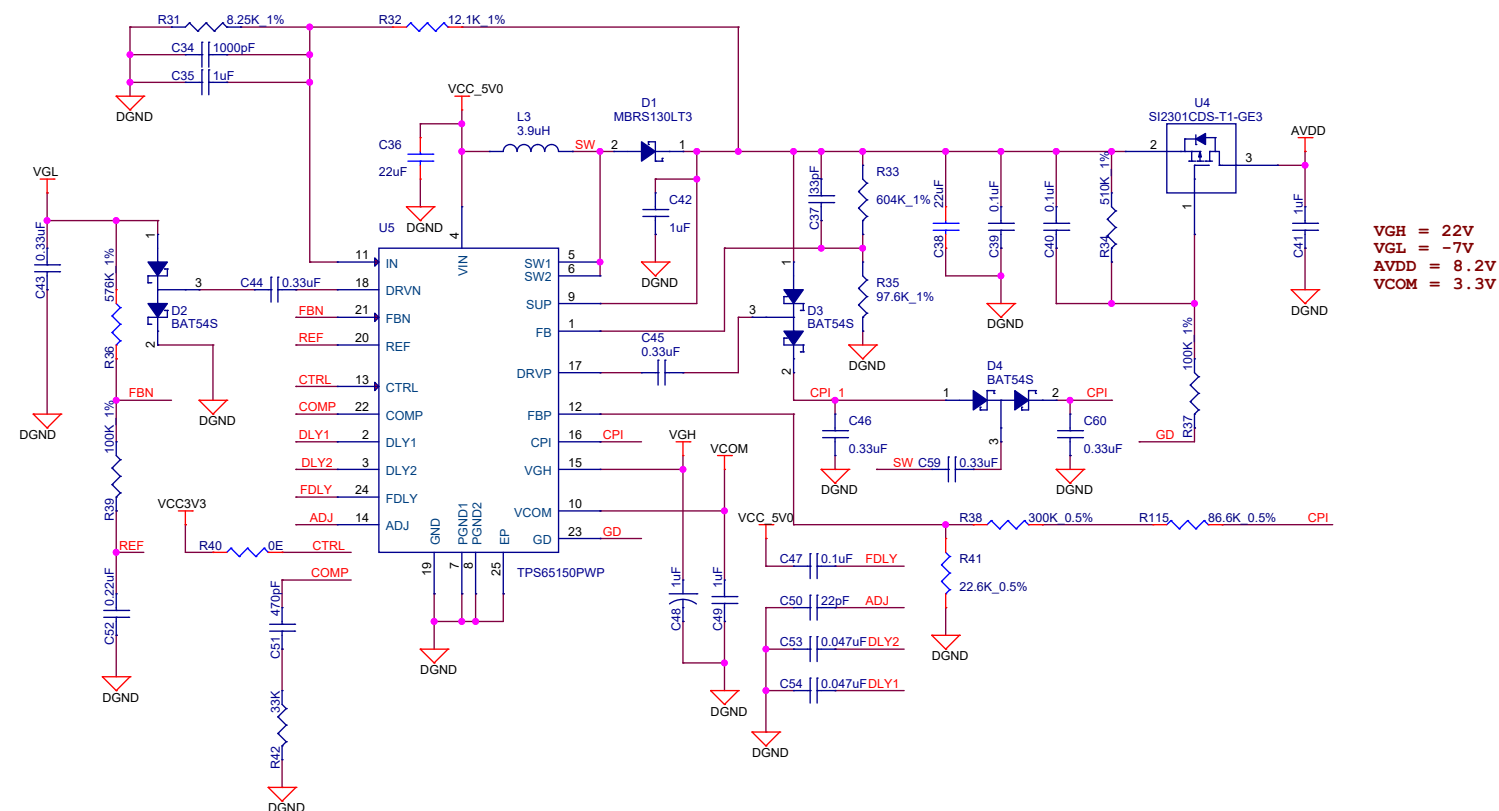
DC-DC Regulator 2.5V, 200mA



BACKLIGHT POWER



LCD SUPPLY



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Title
LCD POWER

Size
C PROC070, OP# TMDSLCD1EVM

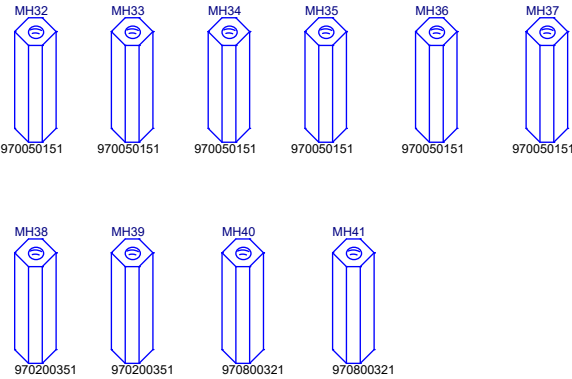
Rev
E3

Date: Tuesday, September 04, 2018

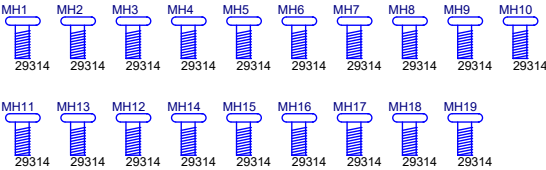
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HARDWARE SCHEMATICS

STANDOFFS



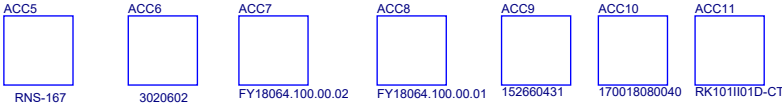
M3 X 12 SCREWS



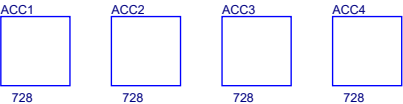
HEX NUT



FABRICATED HARDWARE



BUMPER CYLINDRICAL



BARE PCB

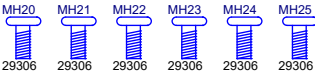


LABEL

Board Serial No.



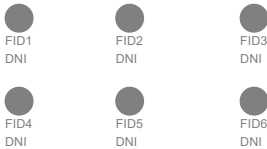
M2.5 X 16 SCREWS



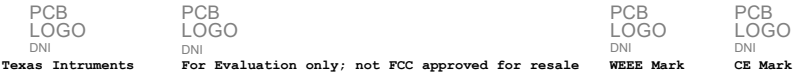
ASSEMBLY NOTES

- 1. All MSL components should be baked as per JEDEC standard.
- 2. PCB should be baked at 120 degree for 8 hours.
- 3. Board assembly must comply with workmanship standards. IPC-A-610 Class 2, unless otherwise specified.
- 4. These assemblies are ESD sensitive, ESD precautions shall be observed.
- 5. These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.
- 6. Provide serial numbers to the assembled boards for identification.
- 7. The assembled board are wrapped in ESD Covers(individual) and packed securely before shipment.

FIDUCIALS



LOGOs



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Title
HARDWARE SCHEMATICS

Size
C
PROC070, OP# TMDSLCD1EVM

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