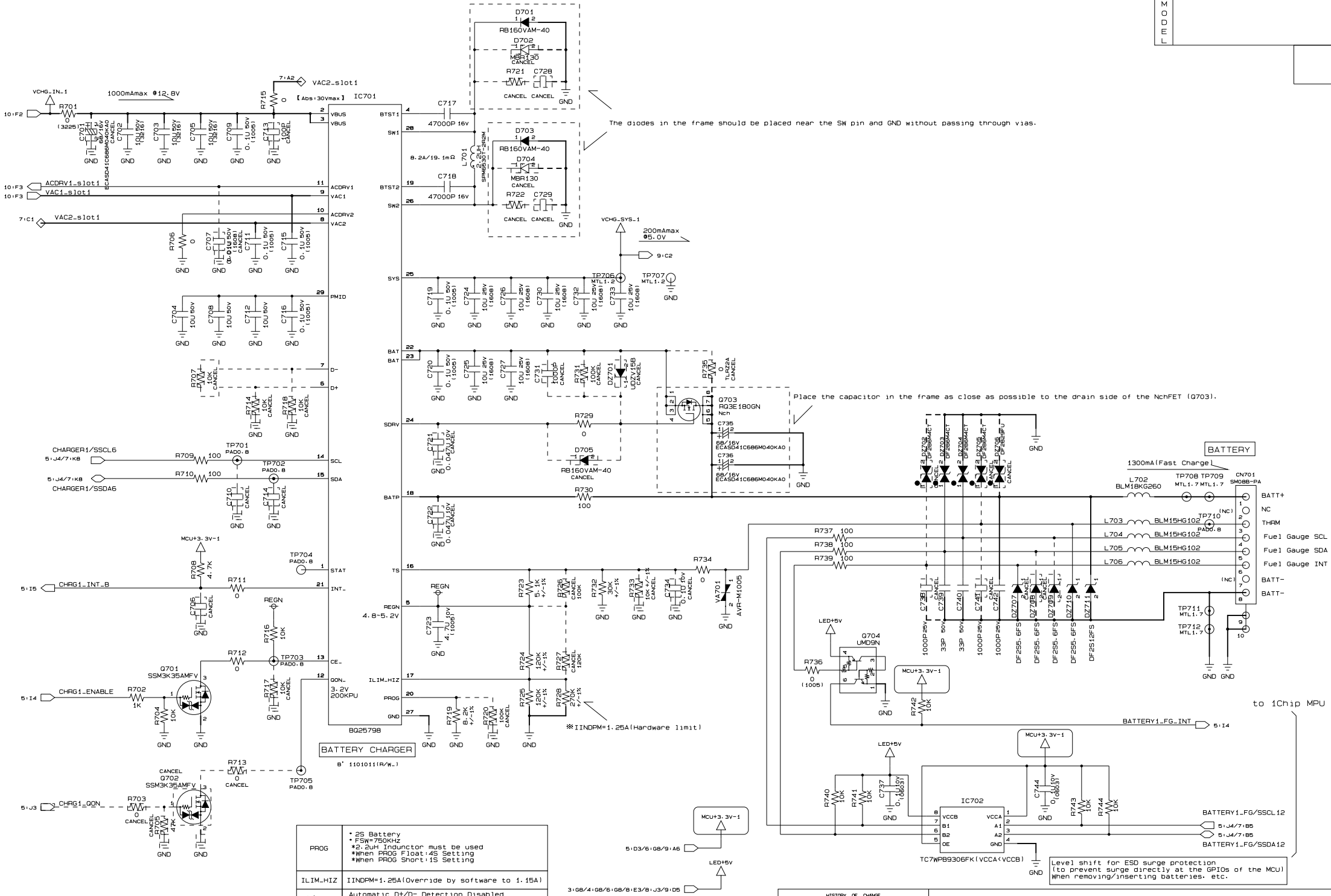
IC701
BQ25798
BATTERY CHARGER
The diodes in the frame should be placed near the SW pin and GND without passing through vias.
Place the capacitor in the frame as close as possible to the drain side of the NchFET (Q703).
※IINDPM=1.25A(Hardware limit)
BATTERY
1300mA(Fast Charge)
to 1Chip MPU
IC702
TC7WPB9306FK(VCCA<VCCB)
Level shift for ESD surge protection
(to prevent surge directly at the GPIOs of the MCU)
When removing/inserting batteries. etc.
PROG
* 2S Battery
* FSW=750KHZ
*2.2uH Inductor must be used
*When PROG Float:4S Setting
*When PROG Short:1S Setting
ILIM_HIZ
IINDPM=1.25A(Override by software to 1.15A)
D+/D- DET
Automatic D+/D- Detection Disabled
*When ENABLED ,Unknown Adapter(IINDPM=3.0A)
CIRCUIT DIAGRAM
15/11/11
17:01:41
Confidential Until Mass Production
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