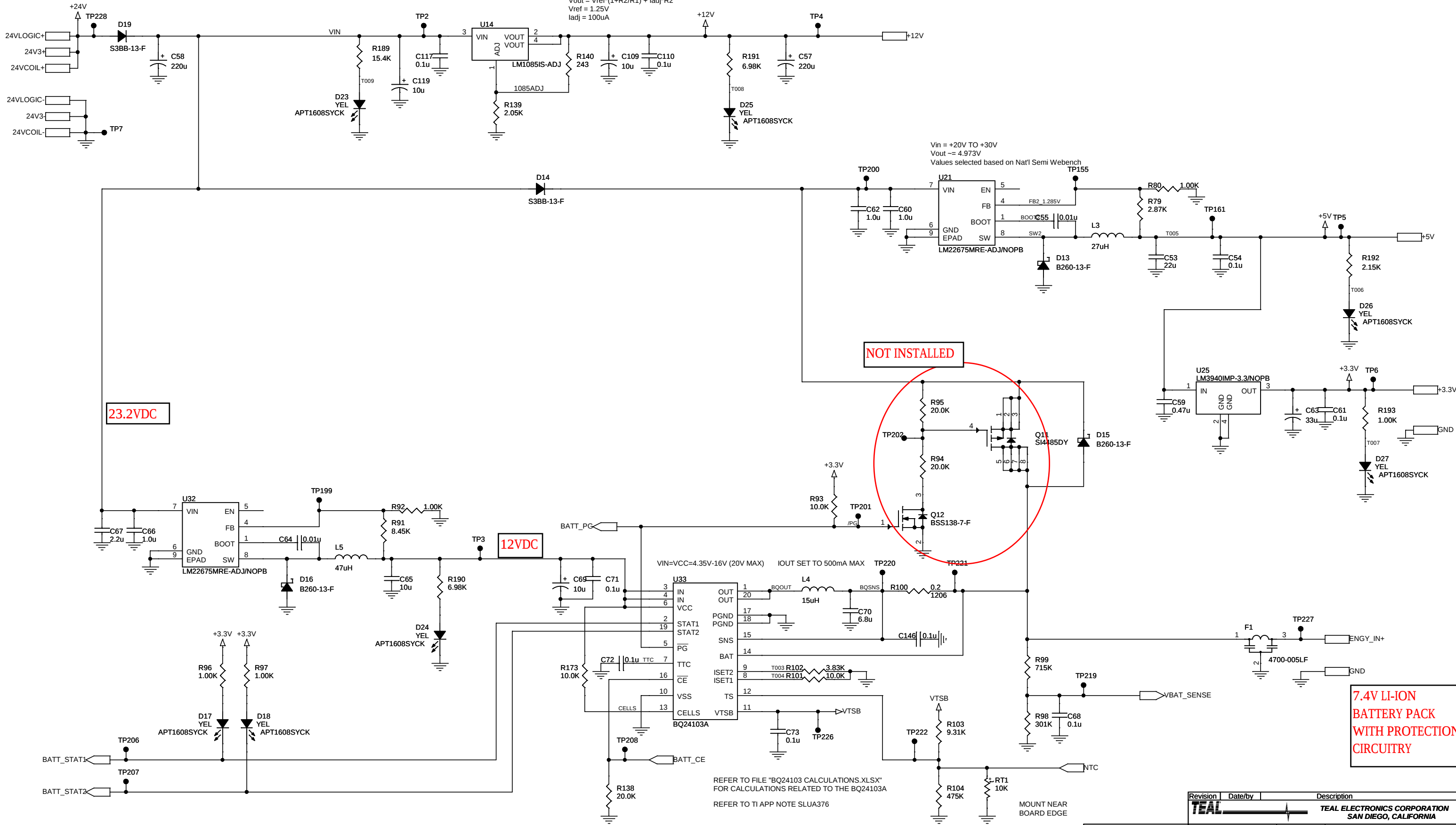


PCM LOGIC SUPPLIES

$$V_{out} = V_{ref} \cdot (1 + R_2/R_1) + I_{adj} \cdot R_2$$

$$V_{ref} = 1.25V$$

$$I_{adj} = 100\mu A$$



CHARGE STATE
1. CHARGE-IN-PROCESS
2. CHARGE COMPLETE
3. CHARGE SUSPEND, TIMER FAULT,
OVERVOLTAGE, SLEEP MODE,
BATTERY ABSENT

STAT1 HIGH LOW
STAT2 LOW HIGH
LOW = LED ON

REFER TO FILE "BQ24103 CALCULATIONS.XLSX"
FOR CALCULATIONS RELATED TO THE BQ24103A
REFER TO TI APP NOTE SLUA376

MAX CHARGE TEMPERATURE = 45°C
MIN CHARGE TEMPERATURE = 0°C

MOUNT NEAR
BOARD EDGE

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Drawn By:	Date	Title:
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