### Alternate Parts

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<th>Part Number</th>
<th>Description</th>
<th>EEE Code</th>
<th>Comments</th>
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### Bar Code Label / EEE #'s

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<th>PART NUMBER</th>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>EEE CODE</th>
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BOM Configuration

Apple Inc.

www.vinafix.vn
Left I/O Board Connector

- Place FL3600 close to J3400
- Place FL3601 close to J3500
- CRITICAL 90-OHM-100MA
- CRITICAL 1210-4SM1

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APPLE INC.

MLB I/O Board Connector

- www.vinafix.vn
PUT L4600, L4601, ACROSS THE MOAT
Battery Current Sense

DCIn Current Sense

Battery Charger Thermal Sensor

**Current & Thermal Sensors**

- **Battery Current Sense**: Using U5715 to sense the battery current.
- **DCIn Current Sense**: Using Q8301 and Q8302 near L8300 and the bottom side to sense the DCIn current.
- **Battery Charger Thermal Sensor**: Using SOT23-5 INA193 and U5715 to sense the battery charger's temperature.
REQ OF R6912 & R6913 IS 36.9K.
System must provide 10K-70K impedance

8 7 6 5 4 3 2 1
8 7 6 5 4 3 2 1

DC Power Jack

1-Wire OverVoltage Protection

Inrush Limiter

ACIN Detection

Left I/O Power Connector

Worst case Vth: min: 12.47V, max: 13.54V
Assuming 1% variance for R6912-R6913 and 3.42V:

\[ \text{VTH} = \frac{\text{Vref}}{\left(\frac{R2b}{R1b} + \frac{R2b}{R2b}\right)} \]

System must provide 100K-700K resistance to 100 mA to disable circuit.

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