C30 must be located as close to ball A7 as possible. Track sized to carry 2.5A.

10k NTC required for charging.
Connection to PWRON required if iMX6 watchdog is to be used.

E2C 2nd channel, very useful for debug.
Note: this schematic uses AUX_5V for the 5V rail.
The 5V boost should be chosen to meet the max current requirements.
In batteryless applications this could be connected to the 5V input DCON.

Ext 3V3 regulator

In this implementation an LDO has been used.
For improved efficiency this should be replaced with a buck.
<table>
<thead>
<tr>
<th>REV</th>
<th>WHEN</th>
<th>WHO</th>
<th>WHAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>08th Oct 2013</td>
<td>CAH</td>
<td>Initial schematic for use with iMX6DL SABRE board schematic.</td>
</tr>
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</table>