Revision History:

<table>
<thead>
<tr>
<th>REV</th>
<th>DATE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>25-MAY-2022</td>
<td>Initial Release, copied from 120-00301-B</td>
</tr>
<tr>
<td>C</td>
<td>15-JUN-2023</td>
<td>Fixed swapped MIPI_CSI_C pair with MIPI_CSI_0 pair on BGA194</td>
</tr>
</tbody>
</table>

Required 2.54mm Shunts:

- J5 VDD_JV3 Current Measurement
- J6 VDD_JV8 Current Measurement
- J7 Battery Current Measurement
- J8-1 J8-2 FLEXIO = 1.8V * default
- J8-2 J8-3 FLEXIO = 3.3V
- J9-1 J9-2 SD Flash Power = 1.8V * default
- J9-2 J9-3 SD Flash Power = 1.8V for “LV” Cards
- J13-1 J13-2 Click Board Power = 1.8V * default
- J13-3 J13-4 Click Board Power = 3.3V
- J13-5 J13-6 Click Board Power = 5.0V
- J19-1 J19-2 Camera Analog V = 2.8V
- J19-2 J19-3 Camera Analog V = 2.6V * default

Optional 2.54mm Shunts:

- J26-1 J26-3 and J24-2 J24-4 UART2
- J26-3 J26-5 and J24-4 J24-6 UART4 * default

Nylon Mounting Hardware (H1 - H4)
USB Host only gets power from DC Jack

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2 Port, USB to UART Bridge

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The diagram shows various components and connections, including:
- USB_FTDI_P and USB_FTDI_N
- Ethernet connectors
- UART4_TXD and UART4_RXD
- Various ground connections (GND)
- Jumpers and connectors are labeled for specific functionalities.
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ENSEMBLE DEV KIT BOARD 221-00301

Title: Click Module

Analog Voltage Divider from 3.3V / 5V

Layout in accordance to Click Module

Analog Voltage Divider from 3.3V / 5V

Click Module