LI-NANO-CB
Data Sheet

Technical details

- Carrier board for NVIDIA® Jetson Nano™ SOM
- Compatible with NVIDIA® Jetson Xaiver NX™ SOM
- 4 MIPI CSI-2 camera interfaces (2 x 2-lane and 2 x 4-lane)
- 1 Power interface (DC 12V)
- 1 HDMI interface
- 1 USB3.0 interface
- 1 RJ45 Ethernet interface
- 1 USB 2.0 micro B interface
- 2 UART interfaces (only one populated)
- 1 External I2C interface
- PoE supported (options)
- Weight: 60.7g (without Nano SOM)
- Size: 100mm x 79mm
- Part#: LI-NANO-CB

BOM

NANO or Xavier NX SOM not included

<table>
<thead>
<tr>
<th>#</th>
<th>Items</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LI-NANO-CB board</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>DC 12V power supply</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>USB 2.0 Type A - Micro B cable</td>
<td>1</td>
</tr>
</tbody>
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Fax: +1-408-217-1960
Email: sales@leopardimaging.com
Website: www.leopardimaging.com
Interfaces

**Interface J13 (CAM1)**
- Part#: 20525-030E-02C
- Number of Positions: 30
- Pitch: 0.4mm
- Mating I-PEX cable: FAW-1233-xx

**Interface J3 (CAM2)**
- Part#: 20525-030E-02C
- Number of Positions: 30
- Pitch: 0.4mm
- Mating I-PEX cable: FAW-1233-xx
Interface J25 (CAM3)

- Part#: 20525-030E-02C
- Number of Positions: 30
- Pitch: 0.4mm
- Mating I-PEX cable: FAW-1233-xx

Interface J26 (CAM4)

- Part#: 20525-030E-02C
- Number of Positions: 30
- Pitch: 0.4mm
- Mating I-PEX cable: FAW-1233-xx
**Interface J18 (I2C header)**

- Number of Positions: 4
- Pitch: 1.25 mm

**J27, J28 (UART)**

- USB 2.0 micro-B interface

Note: R27 is not populated.

**Buttons (Power, Force_Recovery, Reset)**

- Part#: TS45HE
## Revision History

<table>
<thead>
<tr>
<th>Revision</th>
<th>Description</th>
<th>Release Date</th>
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</thead>
<tbody>
<tr>
<td>1.0</td>
<td>First Release</td>
<td>09. Jul. 2019</td>
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<tr>
<td>1.1</td>
<td>Update the board to V1.2 version</td>
<td>11. Nov. 2019</td>
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<tr>
<td>1.2</td>
<td>Add NX support info</td>
<td>3. Apr. 2020</td>
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