Key Features

- ON Semiconductor CMOS Image Sensor AR0144
- Active pixels: 1280 (H) x 800 (V)
- Pixel size: 3.0 x 3.0 µm
- Optical format: 1/4"
- Interface: one 4-lane MIPI output
- Two AR0144 color sensors
- Baseline: 70 mm
- Supports M12 lens
- Global Shutter
- Size: 86 x 38 mm
- Weight: ~ 34 g
- Part#: LI-AR0144-MIPI-STEREO

Lens Spec

- Focal Length: 3.7 mm
- Aperture, F/#: 2.8 +/- 5%
- Built in 650 nm IR cut filter
- FOV (D / H / V): 66.5° / 59° / 35.5°
- TV Distortion: -1.0 %
- Mount: M12 x P0.5
Interface J3:
- Part#: 20525-030E-02
- Number of Positions: 30
- Pitch: 0.4 mm
- Mating I-PEX cable: FAW-1233
## 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>8. Mar. 2020</td>
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<tr>
<td>1.1</td>
<td>Deleted info quoted from sensor spec.</td>
<td>26. May. 2022</td>
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<tr>
<td>1.2</td>
<td>Deleted lens model.</td>
<td>21. Jul. 2023</td>
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