Gumstix PICO-IMX6 Dev Board
Product datasheet

Product Features

<table>
<thead>
<tr>
<th>Input/output</th>
<th>4-Pin Header</th>
<th>2x2, 0.1” Male Pin Header.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robotics</td>
<td>Controller Area Network (CAN) For use in applications employing the CAN serial communication physical layer in accordance with the ISO 11898 standard.</td>
<td></td>
</tr>
<tr>
<td>Communications</td>
<td>Ethernet</td>
<td>10/100/1000 Base-T</td>
</tr>
<tr>
<td>Display</td>
<td>LCD</td>
<td>LCD Capable</td>
</tr>
<tr>
<td></td>
<td>LCD Size</td>
<td>4.3 inch</td>
</tr>
<tr>
<td></td>
<td>LCD Touchscreen</td>
<td>Capacitive Touch Ready</td>
</tr>
<tr>
<td>General</td>
<td>LCD Manufacturer</td>
<td>Compatible with Newhaven Displays</td>
</tr>
<tr>
<td>Power</td>
<td>RTC Battery Holder</td>
<td>Holder for 6mm rechargeable coin cell RTC battery</td>
</tr>
<tr>
<td>Storage</td>
<td>Storage Expansion</td>
<td>via microSD Card Slot</td>
</tr>
<tr>
<td>Usb</td>
<td>USB Device</td>
<td>Micro B USB Plug</td>
</tr>
<tr>
<td></td>
<td>USB OTG</td>
<td>USB Micro-AB Connector</td>
</tr>
</tbody>
</table>

PKG9000000000353 USD139.00

Gumstix PICO-IMX6 Dev Board
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Use this feature-rich expansion board with TechNexion PICO-IMX6 Compute Modules and take advantage of the NXP i.MX6 processor’s power. Its wide array of multimedia and communication hardware is ideal for your next IoT project.

The Gumstix PICO-IMX6 Dev Board hosts HDMI, DSI and capacitive touch LCD display connectors for video output, Dual USB type-A and USB-OTG connectivity and Gigabit Ethernet. It also features a CSI2 camera connector, compatible with Raspberry Pi cameras, and more.

The TechNexion PICO-IMX6 series of SOMs are available from DigiKey

Customize Your Board

The PICO-IMX6 Dev Board was designed by Gumstix in Geppetto D2O. Try Geppetto out and customize the board to your needs. Add features and remove unwanted hardware, or start your own design from scratch with Geppetto’s easy-to-use drag-and-drop interface.

- Clone this board and create your customized TechNexion PICO-IMX6 expansion board design
- Explore and create a customized expansion board from scratch
- Learn more about Geppetto

Other connector
1 × Molex HDMI SMT Connector
2 × 3.5mm Stereo Audio Jacks

Mating connector
1 × Hirose 40Pos FPC/FFC Connector

What’s included
1 × TechNexion PICO SOM Expansion Board

Key component
1 × microSD Card Slot
2 × FC1 15 pin FPC connector
1 × Connector (Power Jack Medium)
1 × Connector (Battery 6mm)
1 × BSS84 (PMOSFET-EN)
1 × IC (RTC 1.8V)
1 × Texas Instruments SN65HVD232 CAN Transceiver
1 × FTDI FT232RQ USB UART Interface
1 × Crystal (32.768kHz TINY)

Product links
- Customize in Geppetto
- Technical Specifications
- Geppetto® Workspace