

PICO-PI-GL



QUICK OVERVIEW

PICO PI CARRIER BOARD WITH GIGABIT ETHERNET LAN

GENERAL INFO

| | |
|------------------------------|--------------|
| HTSN | 8473.30.1180 |
| ECCN | EAR99 |
| REACH RoHS | YES |
| Single Unit Packing Quantity | 1 Pcs. |

SPECIFICATION

Core System

| | |
|--------------------------|--|
| Board-to-Board Connector | Edison compatible connector PICO 70-pin Hirose connectors |
| System on Module | PICO SOM |
| Debug Interface | UART Interface by Through-hole |

Connectivity

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|-------------|---|
| Network LAN | 1x Atheros AR8035 Gigabit LAN (optional) 1x Micrel KSZ8084RNB Fast Ethernet LAN (optional) |
|-------------|---|

Internal Headers

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|-------------------|--|
| Internal Display | 1x 24-bit TTL RGB signals (expansion header) MIPI DSI signals on 33-pin FPC connector |
| Expansion Headers | GPIO I ² C I ² S PWM RS232 SPI USB |
| MikroBUS | ADC, GPIO, I ² C, PWM, SPI, UART |

External Connectors

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|------------------|--|
| Audio Connectors | CTIA compliant 3.5mm audio jack |
| Network | 1x RJ45 |
| USB | 1x USB 2.0 Host 1x USB 2.0 OTG (C-Type) |
| Buttons | 1x Reset |

Audio

| | |
|-------------|--------------|
| Audio Codec | NXP SGTL5000 |
|-------------|--------------|

Power Specifications

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|-------------------|----------------------------|
| Power Input | 5V DC +/-5% |
| Power Consumption | Depending on Configuration |

Environmental and Mechanical

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|-------------|--------------------------|
| Dimensions | 85.6 x 56.5 mm |
| Weight | 35 grams |
| Temperature | Commercial: 0° to +60° C |

| | |
|-------------------|---|
| Relative Humidity | 10 to 90 % |
| MTBF | >100 000 Hours |
| Shock | 50G/25ms |
| Vibration | 20G/0-600Hz |
| Certification | Compliant with CE / FCC / RoHS / REACH directives |