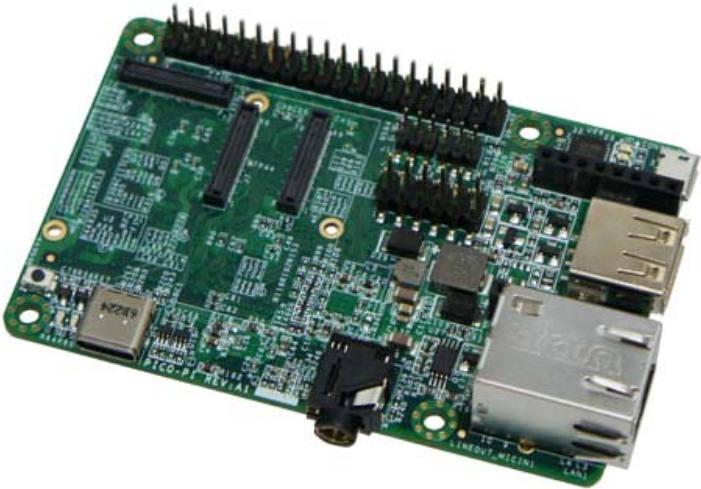


PICO-PI-FL



QUICK OVERVIEW

PICO PI CARRIER BOARD WITH FAST 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

Network LAN	1x Atheros AR8035 Gigabit LAN (optional) 1x Micrel KSZ8084RNB Fast Ethernet LAN (optional)
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Internal Headers

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

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
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Power Specifications

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

Environmental and Mechanical

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