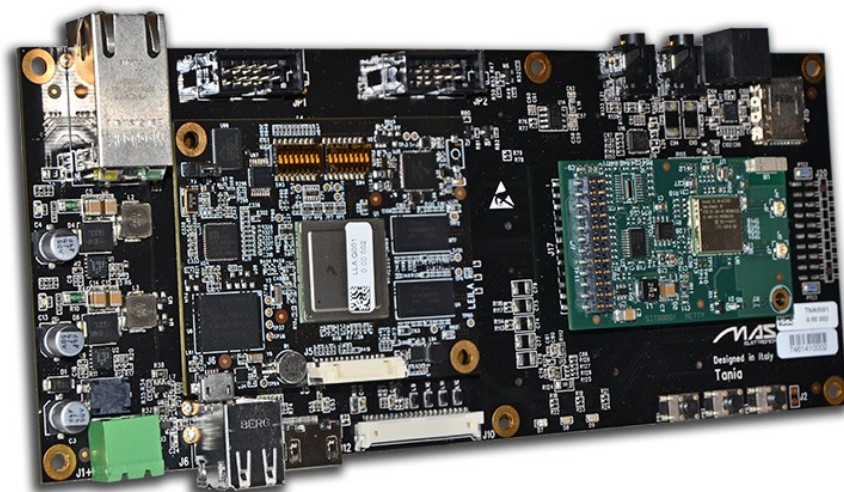


TANIA
Leila i.MX6 Evaluation Board
Member of
Modul MAS family



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Introduction

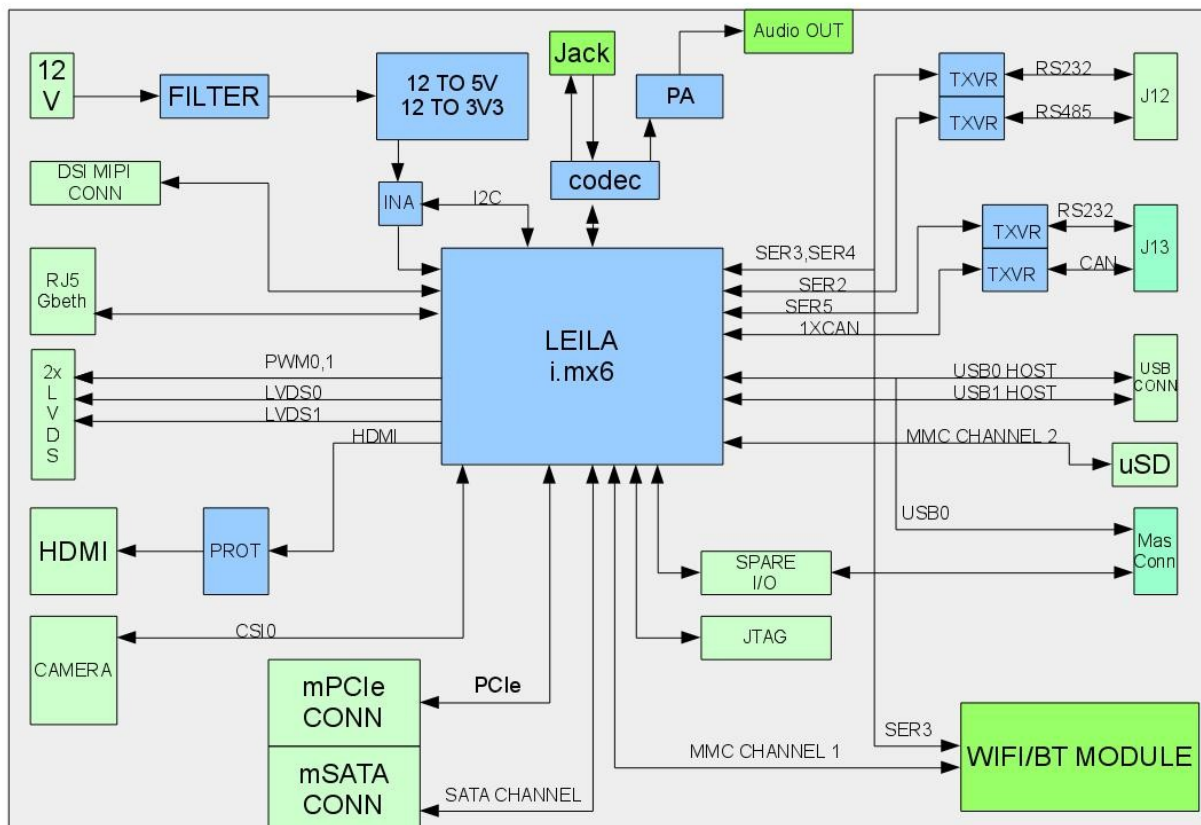
Modul_Mas is a new DIN rail family of products introduced by Mas elettronica to approach the industrial market. This family uses the CPU modules designed by Mas elettronica

For more information contact our support

support@maselettronica.com

Leila i.MX6 Evaluation Board

Tania Leila Evaluation Board is a new board of MAS Elettronica designed to allow quick access to all the features offered by Leila i.MX6 CPU module. Economic, comprehensive, flexible. Designed in a 12 Module DIN Rail Format.

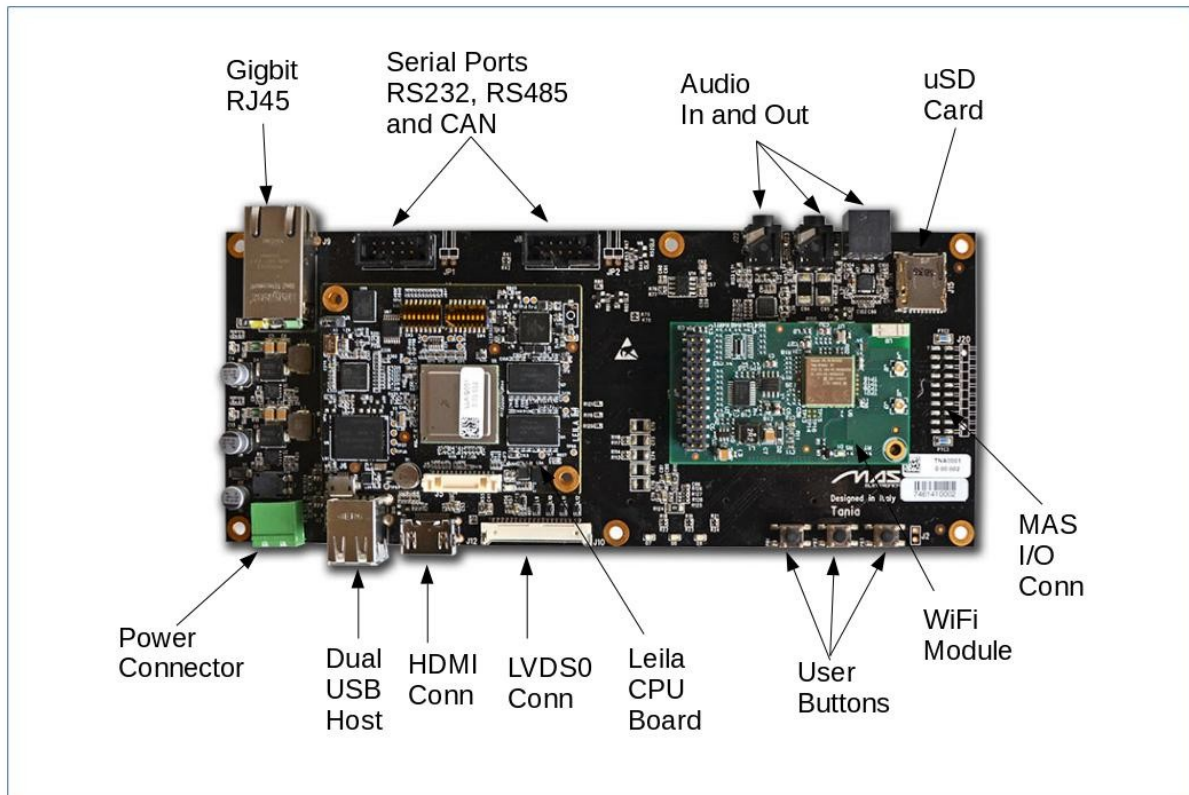


Tania Box Block diagram

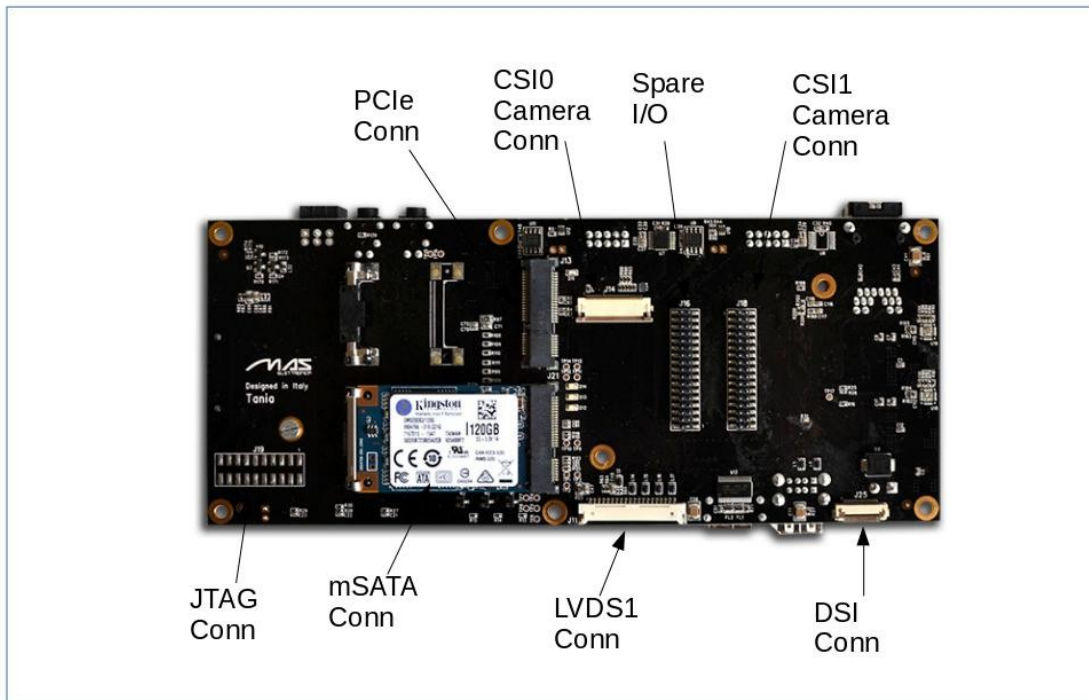
Technical Specifications

CPU Supported	
Leila CPU Board	With Solo, Dual, Dual lite and Quad processors
Display, camera input and Touch Panel interface	
LVDS	x 2 LVDS 24 bit channels
HDMI	x 1 HDMI 1.4a Display interface
DSI	x 1 DSI interface
Capacitive touch pannel	x 1 I2C or USB
CSI	x 1 16 bit Camera input
Serial interface	
UART	x 3 RS232; x 1 RS485
USB	x 2 2.0 High speed
CAN	x 1 CAN 2.0
SPI	x 2 con 2 chip select
I2C	x 2
PCIe	x 1 mPCIe connector
JTAG	x 1 JTAG Connector
LAN and Wireless	
Gigabit Ethernet	x 1 10/100/1000 Ethernet
WiFi/BT	Support for Wireless modules family WL18xx
Audio	
Input	x 1 microphone input jack 3,5 mm
Amplified output	x 1 2.1 W stereo output
Headphone out	x 1 stereo headphone out
I/O Interface	
GPIO	up to 60
PWM	x 3
LED	x 3 user defined
Push button	x 1 ON/OFF; x 1 reset x 1 user defined
Watch Dog	Hardware watch dog
Memory	
uSD	x 1 uSD connector
Sata	x 1 mSata connector
Electrical Specifications	
Power supply	Range 9-48V DC
Supply current monitoring	5 and 3,3V current and power monitoring.
Mechanical Specifications	
Dimentiones	210mm x 86mm

Top View of the Board



Bottom view of the Board



Rohs compliance

Tania Smart Controller complies with the European Union's Directive 2002/95/EC: "Restrictions of Hazardous Substances".

Warranty Terms

MAS Elettronica guarantees hardware products against defects in workmanship and material for a period of one (1) year from the date of shipment. Your sole remedy and MAS Elettronica's sole liability shall be for MAS Elettronica, at its sole discretion, to either repair or replace the defective hardware product at no charge or to refund the purchase price. Shipment costs in both directions are the responsibility of the customer. This warranty is void if the hardware product has been altered or damaged by accident, misuse or abuse.

Disclaimer of Warranty

THIS WARRANTY IS MADE IN LIEU OF ANY OTHER WARRANTY, WHETHER EXPRESSED, OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A SPECIFIC PURPOSE, NON-INFRINGEMENT OR THEIR EQUIVALENTS UNDER THE LAWS OF ANY JURISDICTION, EXCEPT THE WARRANTY EXPRESSLY STATED HEREIN. THE REMEDIES SET FORTH HEREIN SHALL BE THE SOLE AND EXCLUSIVE REMEDIES OF ANY PURCHASER WITH RESPECT TO ANY DEFECTIVE PRODUCT.

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