Processor board:
Freescale i.MX6 Dual/Quad Core
• 1 GHz Cortex A9
OpenGL® ES 2.0 and OpenVG 1.1
2 GB DDR3 RAM
4-32 GB eMMC Flash
Micro SD card reader
Ethernet 1Gbit
Real time clock (RTC)
Passive cooling
MXM-III connector
Power consumption 5V DC

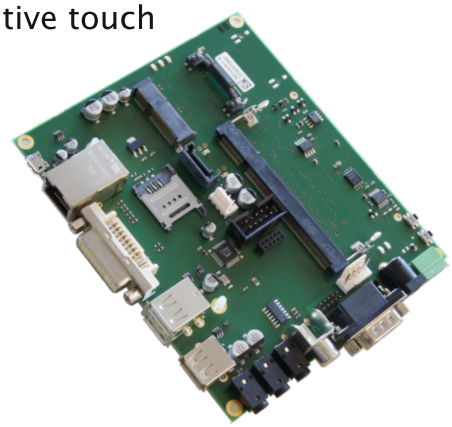
Base board:
1x USB 2.0 OTG (Micro-USB-B socket)
1x LAN 10/100/1000 Mbit (RJ45 socket)
1x Video OUT - Full HD (DVI socket)
2x 2.0 Host (double socket Typ A)
1x USB 2.0 Host (socket Typ A)
1x Audio Line-IN/-OUT/Mic (3x jack 3,5mm)
1x Audio SP/DIF Out (Cinch socket)
1x RS232 / RS485 / CAN (Sub-D 9 pol Male); alternativ galvanically isolated
1x I²C (IDC connector)
1x SPI (IDC connector)
1x SATA 2.0
1x Debug interface (Pin header with TTL level)
1x Mini PCIe Slot
2x Signal-LED
2x Button (Power ON/Reset)

CE

Conformity is declared with the following standards:
EN 55022
EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN610004-6

Subject to technical changes

continuing Base board
1x MXM Connector (Processor board)
1x SO-Dimm Adaptor for Full HD TFT/ capacitive and resistive touch
1x UMTS Slot / SIM card slot
1x WLAN slot
1x Button cell (RTC buffering)
1x Wide range voltage inpit 6 - 48 V DC
Temperature range: -20°C / +70°C



SO-DIMM Adaptor
1 x LVDS Dual + Single Link
1 x RGB interface
1 x VGA interface
1 x DVI interface
1 x SPDIF Audio
1 x 8 bit camera interface
1 x I²C
1 x UART
1 x Touch (capacitve, resistive)
1 x USB 2.0 Host

Interfaces to MXM-III contact
1x MIPI Display
1x SD-Card additional
1x Audio interface additional
1x Data adress bus 16/8 Bit
1x Various Input-Output Pins
1x CAN in addition
1x SPI in addition

CE

Conformity is declared with the following standards:
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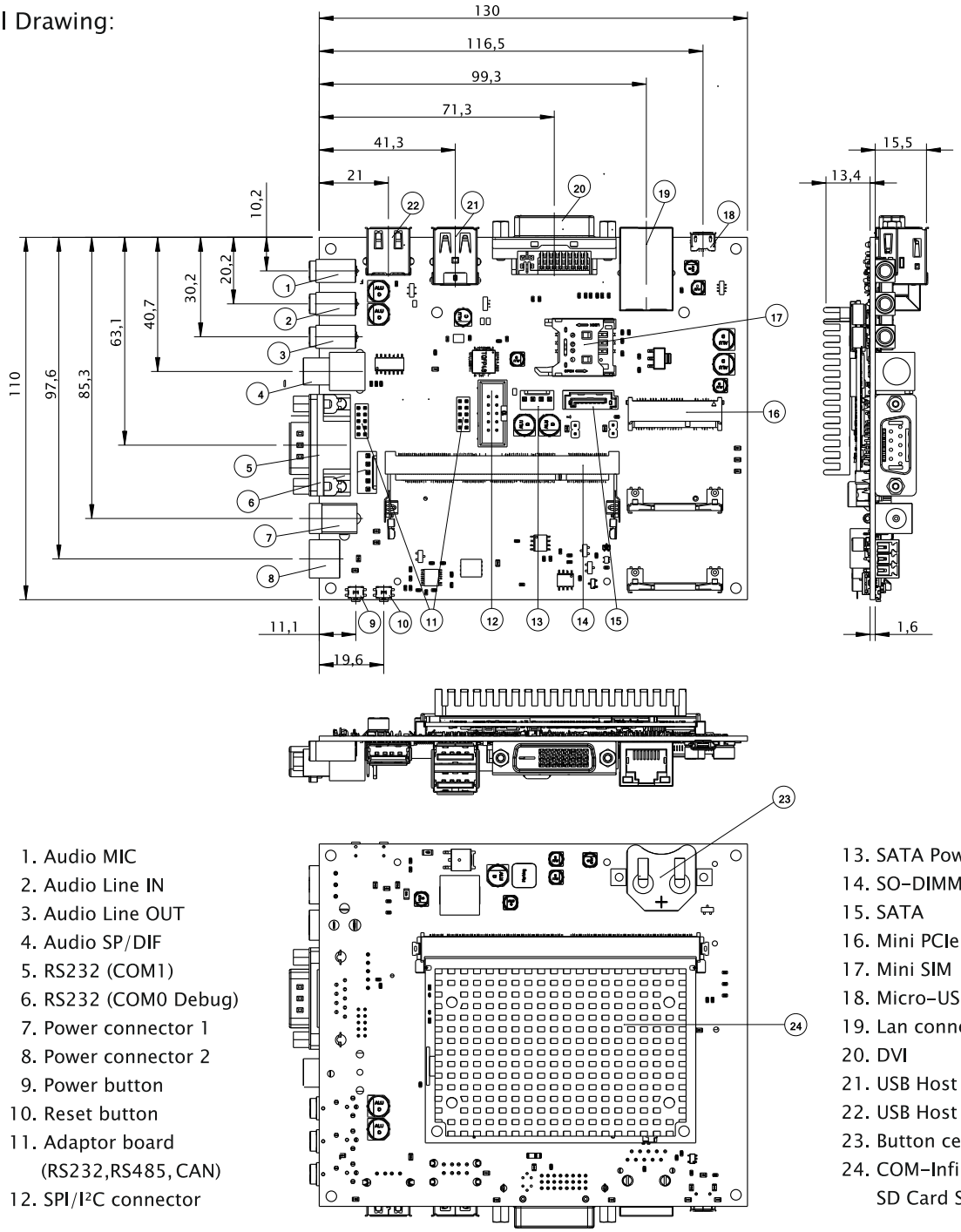
EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN610004-6

Subject to technical changes

Embedded System with Freescale i.MX6 ARM Cortex-A9 Dual / Quad Core processor,1 GHz

Technical Drawing:



1. Audio MIC
2. Audio Line IN
3. Audio Line OUT
4. Audio SP/DIF
5. RS232 (COM1)
6. RS232 (COM0 Debug)
7. Power connector 1
8. Power connector 2
9. Power button
10. Reset button
11. Adaptor board (RS232,RS485, CAN)
12. SPI/I²C connector
13. SATA Power
14. SO-DIMM Adaptor
15. SATA
16. Mini PCIe
17. Mini SIM
18. Micro-USB OTG
19. Lan connector RJ45
20. DVI
21. USB Host 1/2
22. USB Host 3
23. Button cell holder
24. COM-Infinity with Micro SD Card Slot (Reader)

Contact

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