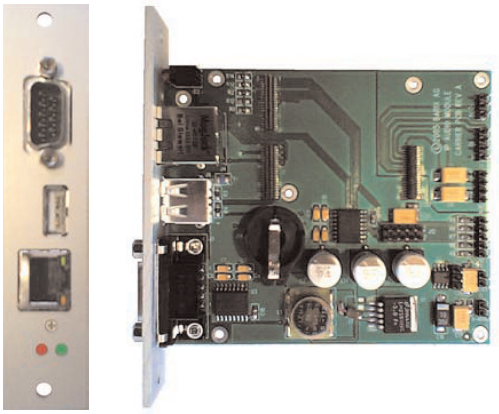
IPAM CARRIER
PCB

Carrier board for the Barix IP AUDIO MODULE 100



Purpose:
The Barix IPAM Carrier PCB allows manufacturers to test the capabilities of the Barix IP AUDIO MODULE 100 prior to the design of their custom board. Providing commonly used interfaces it can be directly used as an OEM product solution in many cases.

Application fields:
Interfacing of digital or analog audio signals to TCP/IP, intercom & paging systems, broadcast equipment, audio monitoring, audio distrbution, updatable standalone player, alarm systems, audio recording (live audio transmission)

Features:
- RJ-45 Ethernet port with Link / Activity LED's plus 2 status LED's
- USB 1.1 Type "A" receptacle (for devices like memory sticks)
- Two RS-232 interfaces (1x9 pin D-sub connector, 1x on board)
- Four configurable GP I/Os plus Reset button input
- Microphone input (coil, powered or passive capacitive)
- Standard stereo Line In and 3 Vpp stereo audio Out
- Holder for Real Time Clock iButton (Dallas DS 1904)
- Runs off a single +8 to 30 Volt DC power source (on board 5 VDC switching power regulator circuit)
- Consumption 2.3 W max. (including the IP Audio Module)
- 12 VDC regulator for powering external serial devices
- Small form factor (4" x 3.3" x 0.75" / 103 mm x 84 mm x 19 mm)
- Aluminum front plate (4.3" x 0.9" x 0.045" / 109.2 x 23 x 1.4 mm)

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