



MI852AW Series

Application Provide embedded, IA, VOD, Video Capture server, Home conference, Security, Home MIDI, ATM, Set Top Box, PVR application

Features Intel Pentium M/Celeron M solution
Wide range DC-IN
LVDS
Touch screen controller on board
TV-OUT / DVI
IEEE1394
Video-in
WDT / DIO

Specifications

- . CPU type Intel Pentium M/ Celeron M- Dothan processor
- . Front Side Bus 400/533 MHz
- . MB Chipset Intel 82852GM/ 82852GME(Socket) + ICH4
- . Graphics Integrated with Intel 82852GM/GME
Shared system memory up to 64MB
- . LVDS Supports data format of 18 bits/36 bits
- . TV-OUT/DVI TV output supporting up to 1024 x 768 graphics resolutions
10-bit video DAC outputs
Support for all NTSC and PAL formats
Provides S-video and 2pin Header for CVBS TV-out connector
DVI-D single link Transmitter up to 165MHz
DVI hot plug detection
Digital Video Out Port DVO support 12bit interface , supporting up to UXGA
- . Memory 1 x DDR SDRAM (max. 1GB)
- . IDE Ultra ATA 100/66/33, 1 x 40 pin 2.54mm, 1 x 44 pin 2.0mm
Support Compact Flash card type II for ATA interface
- . Audio AC-Link for Audio CODEC, AC'97 2.1
Mic-in / Line-in /SPDIF OUT support
- . LAN 1 x Realtek 10/100 Mbps (optional Realtek/Intel Gigabit)
- . IO function 2 x 16C550 UARTs RS232,
1 x RX/RTS/TX for RS232 signal level In/out
Supports IrDA 1.0/ASKIR protocol
Supports PS2 keyboard and mouse
- . USB 6 x USB 2.0
- . DIO & WDT (Option) Hardware digital Input & Output, 8xDI / 8xDO
Hardware Watch Dog Timer, 0~255 sec programmable
- . Audio Amplifier (Option) 6-W/CH Into an 8-Ω Load from a 12-V Supply
Up to 92% Efficient, Class-D operation
Differential Input minimizes Common-Mode noise

- . Video-In(Option) 1 port with Conexant Fusion 878A video codec
- . IEEE1394 (Option) Embedded 1394 link core
OHCI Compliant programming interface
32bit Power managed PCI bus interface
Integrated 400Mbit 2 ports PHY
- . Touch Screen (Option) C8051F321USB interface Touch screen controller
Supported 4-, 5-, 8- wire Analog Resistive touch screen.
Resistor range from 200 to 1000 Ohm
USB 1.1full speed sample rate (max. 300 point/s)
- . Expand interface 1 x Mini PCI for only PCI rev: 2.2 interface
1 x PCI slot for PCI rev:2.2 interface
- . Power Wide range DC-IN from +9V to +33V or fix to +12V DC input
Convert into system power +12VAD to +5V/±5% and +3.3V/±5% ,and +12V/±5% ,-12V/±5% for option spec
- . Dimension 200 x 150mm
- . Operation Temperature : 0 ~ 60°C
- . Operation Humidity : 5~95% @ 60°C, non-condensing

Ordering Information

. MI852AW TBD

Available Chassis

Light / Neo / Twister / Tino