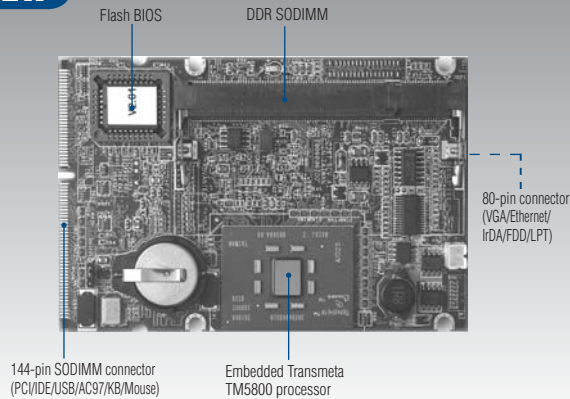


# SOM-2367

## Transmeta SOM-144 Module w/CPU, Audio & LAN with DDR SDRAM support

**NEW**



### Specifications

- **CPU** Onboard Transmeta TM5800-800 processor
  - **System Memory** DDR SDRAM SO-DIMM x 1 (Max. 512 MB)
  - **BIOS** Award 2 Mbit Flash BIOS
  - **Extending BUS I/F** 144-pin SODIMM socket provides PCI
  - **Battery** Lithium 3 V/196 mA
- I/O**
- **MIO** 1 x EIDE, 1 x FDD/LPT, 1 x K/B, 1 x Mouse, 2 x RS-232
  - **USB** 2 USB ports, USB 1.1 compliant
  - **IrDA** 115 Kbps Serial infrared(SIR) port
  - **Audio** AC'97

### Features

- Transmeta TM5800 on board (800 MHz)
- Supports DDR SDRAM (Max 512 MB)
- USB & AC'97
- Two RS-232, IDE, LPT, FDD

### Ethernet

- **Chipset** RTL8139C (optional Intel® 82551ER)
- **Interface** IEEE 802.3u 100BASE-T Fast Ethernet compatible

### Mechanical and Environmental

- **Dimensions (L x W)** 68 x100 mm (3.4"x3.9")
- **Power supply Voltage** +5 V ± 5%  
Max: 5 V @ 3 A  
Typical: 5 V @ 1.5 A
- **Operating temperature** 0 ~ 60° C (32~140° F)
- **Operating Humidity** 0% ~ 90% Relative Humidity, noncondensing
- **Weight** 0.05 kg (0.11lb)

**1**  
System on Module Solutions

**2**  
Single Board Computers and Accessories

**3**  
PC/104 Modules

**4**  
Slot CPU Cards and Accessories

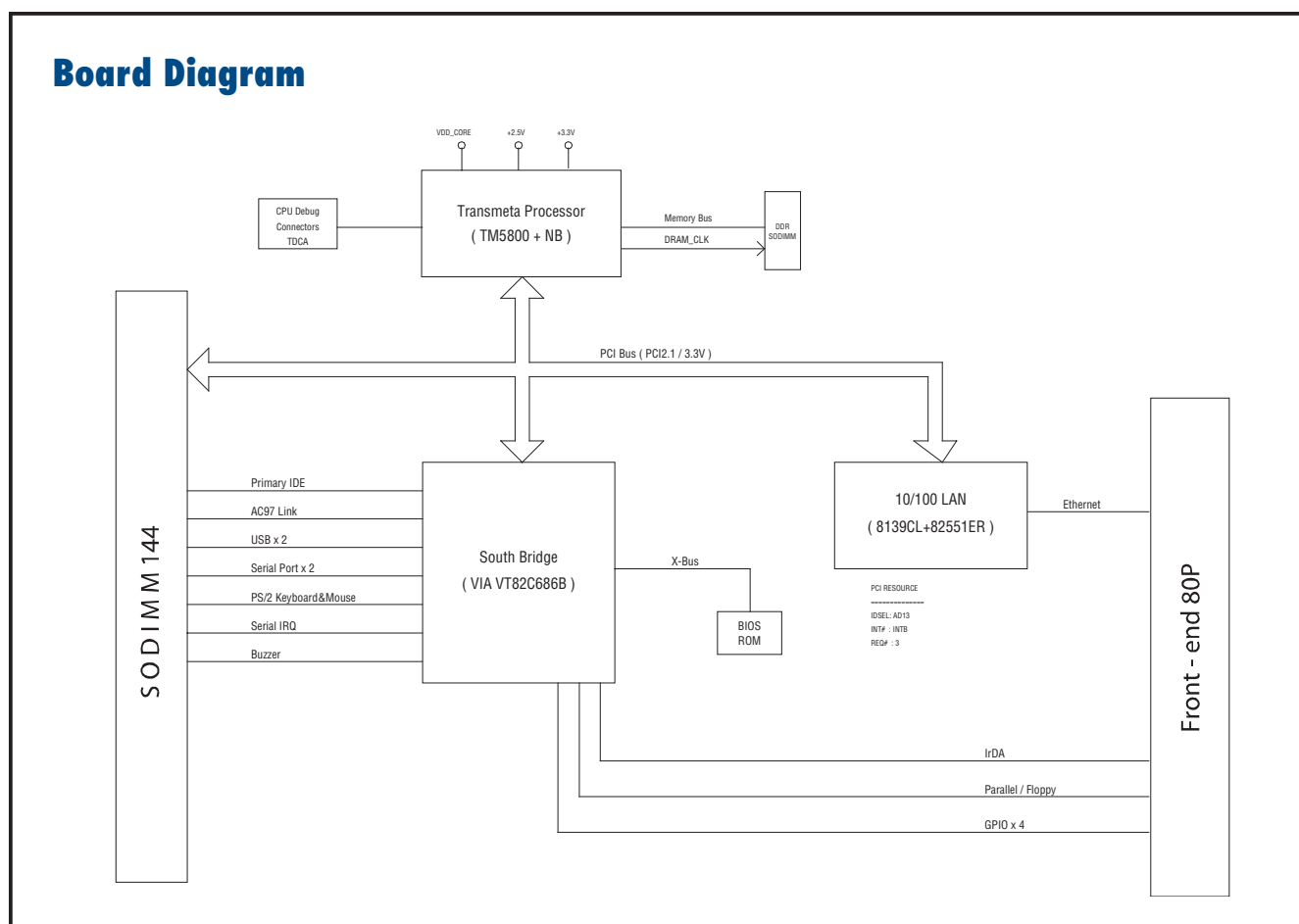
**5**  
AIMB/POS Control Boards

**6**  
Internet Security Platforms

**7**  
Embedded Software

**8**  
Appt.

## Board Diagram



## Ordering Information

- **SOM-2367N-Q0A1** Transmeta SOM-144 Module w/TM5800-800 CPU, Audio & LAN
- **SOM-2367L-Q0A1** Transmeta SOM-144 Module w/TM5800-800 CPU & Audio
- **SOM-DB2300** SOM-144 Development Board