



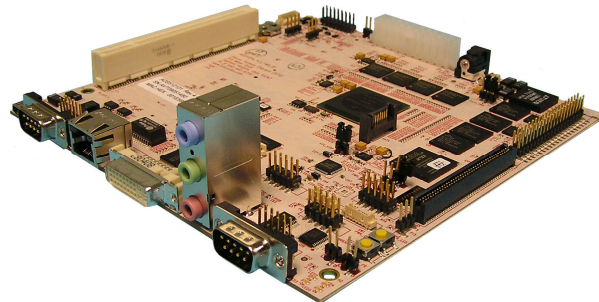
ADS512101

Advanced Development System

ADS512101 is a new mini-ITX embedded mainboard advanced development solution for *Freescale's MPC5121e*.

Mini-ITX Mainboard

- LVDS 24bit (LCD), XGA, HDMI Video
- Stereo Audio with AC97, in/out/aux
- PATA (IDE) or Micro SD Card
- PCI, mini-PCI (radio slots)
- 10/100 Ethernet copper
- RS232, CAN (2 each, D-Sub and RJ)
- 256 MB of DDR2 RAM
- Power save hibernate
- NOR, NAND, and backup FLASH
- Local bus IO connector
- USB A, B, OTG
- JTAG and control CPLD



Board Size : 17x17cm Standard
Weight: 200 g (varies with configuration)
Power: Standard ATX or wallcube
Operating Temperature
0°C to 70°C standard
-40°C to 85°C industrial



Shipped with:

- ADS512101
- Power Supply & Adapters
- Null Modem Cable
- Mini USB Adaptor
- Pre-Loaded U-Boot & Linux
- Quick Start Guide
- Warranty
- CDs with:
 - Schematics
 - User Manual
 - CodeWarrior (Linux & Windows)
 - Third Party Info

Available from stock for \$999⁰⁰
Visit our Store: store.silicontkx.com

ADS512101 is the first in the **sepia** series of mini-ITX mainboards called Hellrosa. STx will also offers these modules and upgrades:

Ruggedization Service

Industrial Temp -40°C to 85°C or more
Thermal Cycle/Burn-In
Shock, Vibration
Coating/humidity
Call for Custom

Add-On Feature Modules

Bluetooth Radio
Camera/Image Capture
Microphone
GPS Module
Echo Cancellation Module
Profibus/Fieldbus

Accessories

Cases, customized backplates
LCD panel or monitor, inverter, touchscreen
Radios: USB 802.11 & MiniPCI Wi-Fi
DRAM modules & memory upgrades
Hard drive (IDE or SATA) or solid-state (FLASH)
CDROM or DVD drive
PCI Riser cards and other peripherals
Cables of every kind: Power: ATX/ 4pin
ATX/AC extender; IDE, ultra IDE;
data and power; LVDS video (LCD);
VGA/HDMI; VGA splitter; USB- various;
Firewire 1394; 232, 422, CAN, J1850;
Audio RCA

And more!

sepia Series Software

Operating Systems

Linux WRS
QNX GHS
Other IDE and RTOS

Graphics Solutions

ALT
Tilcon
KDE

Cellular Connectivity

GPS location

Touchscreen

Bluetooth

Wireless (802.11, 802.16)

Database client

sepia Applications

- Automotive Telematics
- Industrial Automation
- SCADA/Instrumentation
- Medical devices
- Ruggedized long-life products
- Heavy Equipment: Construction, truck, bus, fleet, asset track

Contact us!

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