



# ADS512102

## Linux Development System

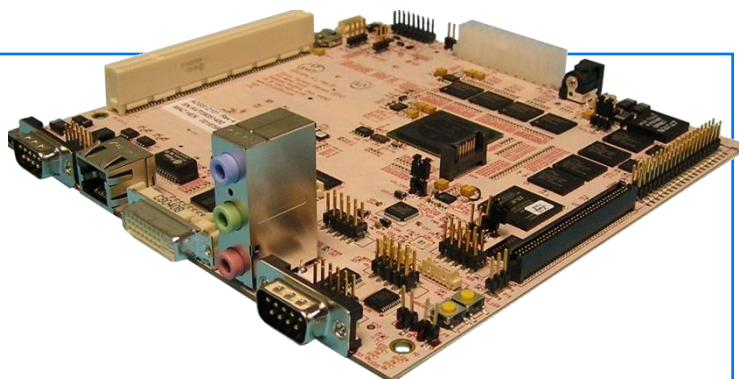
**ADS512102 is Freescale's MPC5121e ADS module with Timesys Linux BSP, resources and LinuxLink evaluation.**

**LinuxLink is the affordable solution for MPC5121e designs with Open Source Linux. With the LinuxLink framework, you can:**

- **Focus your time and effort on the application software**, where you add unique value to your product.
- **Reduce your time-to-market risk** because your code is based on a proven kernel and on development tools that are configured for the MPC5121e.
- **Access hundreds of proven software packages** without having to locate, test and debug them.
- **Shorten you development** time by using an interactive wizard that configures your kernel, BSP, software package and tools, and then builds a custom image and customer tools ready to run on your hardware.
- **Access live technical support from a team** of expert engineers throughout your product's entire lifecycle.

### Mini-ITX Mainboard

- LVDS, 24bit (LCD), XGA & DVI-I 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)
- 512 MB of DDR2 RAM
- Power save hibernate
- NOR, NAND, and backup FLASH
- Local bus IO connector
- USB A, B, OTG
- JTAG and control CPLD
- 170x170mm Standard mini-ITX
- Power ATX or 5V Wall Cube
- Op. Temp. is 0°C to 70°C standard
- Ext. Temp & Rugged Version Available



### Shipped with:

- MPC5121e ADS Module
- Power Supply & Adapters
- Null Modem Cable
- Mini USB Adaptor
- Pre-Loaded U-Boot & Linux
- Quick Start Guide
- Warranty
- CDs with: Timesys LinuxLink, Schematics, User Manual

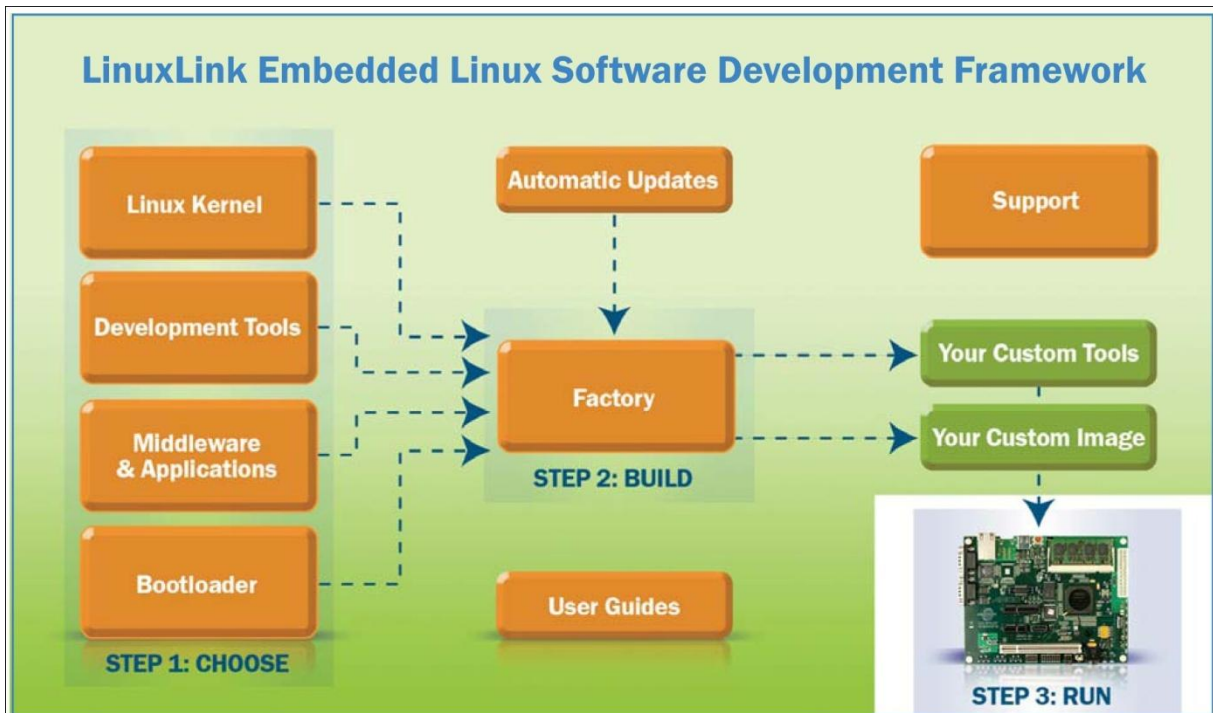


**Available from stock for \$1999.<sup>00</sup>**

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# Looking for Linux?

The ADS512102 runs Linux from Timesys. Included in the ADS512102 is a CD containing extensive Linux resources, as well as an evaluation copy of the LinuxLink software development framework.



Upon activation of LinuxLink evaluation, you will be provided with limited access to LinuxLink via our award-winning Web-based wizard and hosted build infrastructure.

**Within a few minutes**, you'll have configured an initial Linux image via the award-winning LinuxLink Web-based wizard.

**Within a couple of hours**, you'll be alerted via email that your Linux image has been built by LinuxLink and is ready for pick-up including associated sources.

**Within a day**, you'll be running a bootable image on your target.

**LinuxLink is a unique software development framework that helps you to accelerate your development schedule while minimizing the risk of using open-source Linux, by providing:**

- A range of kernels and tools optimized for the MPC5121e,
- The award-winning "Factory" build environment,
- Hundreds of middleware packages, with automated guidance on selections, and
- Access to vast embedded Linux experience via Timesys documentation, learning center resources, community forums and technical support.