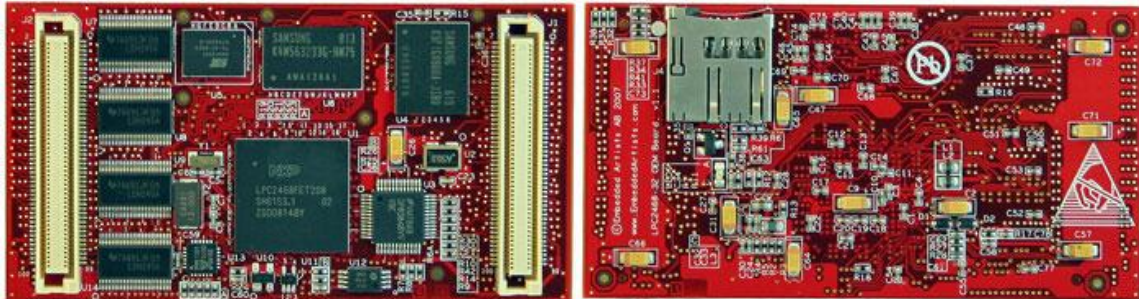


LPC2468-32

OEM Board



Embedded Artists' **LPC2468 OEM Board**, 32-bit databus, is equipped with NXP's **ARM7TDMI-S** based LPC2468 microcontroller suitable for multipurpose communication applications.

The LPC2468-32 OEM Board is only 75x40 mm. All processor signals are available on two 100 pos connector for easy expansion.

The board can be used in OEM applications, as well as for education purposes, experiment, and prototype projects. Use the [LPC2468 Developer's Kit](#) to get up-and-running quickly with the board. Please note that the developer's kit is sold with the 16-bit version of the LPC2468 OEM Board.

The OEM Board is also perfect for running **uClinux** with its large on-board RAM and Flash, network and graphics capabilities.

<i>Processor</i>	<u>NXP's ARM7TDMI LPC2468 microcontroller</u> in BGA package
<i>Program Flash</i>	128 MB NAND FLASH, 4 MB NOR FLASH + 512 kB internal
<i>Data Memory</i>	32 MB SDRAM + 96 KB internal 32-bit data bus to SDRAM
<i>Ethernet</i>	100/10M Ethernet interface based on National DP83848 Ethernet PHY
<i>Clock Crystals</i>	• 12.000 MHz crystal for CPU • 32.768 kHz crystal for RTC
<i>Dimensions</i>	75 x 40 mm
<i>Power</i>	• +3.3V powering
<i>Connectors</i>	• Two 100 pos Hirose expansion connector (FX8C-100), 0.6mm pitch
<i>Other</i>	• ISP1301 chip of USB-OTG • 256 Kbit I2C E2PROM for storing non-volatile parameters • Buffered 32-bit databus