



## EA-OEM-302

### LPC3152 OEM Board



Embedded Artists' **LPC3152 OEM Board** is equipped with NXP's **ARM926EJ-S** based LPC3152 microcontroller suitable for a wide range of applications requiring low power consumption, high performance and flexible USB connectivity.

The LPC3152 OEM Board has SODIMM format and is only 66x48 mm. All processor signals are available on the 200 pos connector for easy expansion.

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<i>Processor</i>	<a href="#">NXP's ARM926EJ-S LPC3152 microcontroller</a> in BGA package				
<i>External Flash</i>	256	MB	NAND	FLASH	(2Gbit)
	4 MB SPI-NOR FLASH (32Mbit)				
<i>Data Memory</i>	64	MB	SDRAM	+	192 KB internal
	16-bit data bus to SDRAM				
<i>USB</i>	High-speed USB 2.0 (OTG, Host, Device) with on-chip PHY				
<i>Clock Crystals</i>	12.000 MHz crystal for CPU				
<i>Dimensions</i>	66 x 48 mm				
<i>Power</i>	Li-ion Battery or +5V powering				
<i>Connectors</i>	200 pos expansion connector (as defined in SODIMM standard), 0.6mm pitch				
<i>Other</i>	<ul style="list-style-type: none"><li>• 256 Kbit I2C E2PROM for storing non-volatile parameters</li><li>• Buffered 16-bit databus</li></ul>				

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