



## OM11083

EA LPCXpresso BaseBoard

### Demo board description

The LPCXpresso Base board makes it possible for you to get started with experiments and prototyping immediately. The Base board can also be used together with the mbed module.

Order Number: OM11083

### Features

- - Digital I/O
  - Analog I/O
  - Serial Bus - SPI
  - Serial Bus - I2C
  - Serial Bus - SPI/I2C shared
  - Serial Bus - UART
  - Specific LPC1768 (incl mbed) support

### Descriptive summary

#### EA LPCXpresso BaseBoard

The EA LPCXpresso Baseboard can be used in coordination with any of the LPCXpresso LPC1xxx microcontroller demoboards or mbed demoboards to provide a variety of interfaces and I/O devices.

The board has been designed in cooperation with several Universities in order to also be suitable for training and education situations. The many on-board peripherals increase the learning curve and speed up program development.

#### Demo Box Contents

- EA LPCXpresso BaseBoard
- Serial number that gives access to EA's support site for this product, which includes
  - [User Manual](#)
  - Schematics
  - Software
    - MCU Drivers
    - Base Board Peripheral Drivers
    - Sample Applications

#### Related DemoBoards

[ARM mbed LPC1768 Evaluation Board](#)  
[LPCXpresso Board for LPC1343](#)  
[LPCXpresso Board for LPC1114](#)  
[LPCXpresso Board for LPC1769](#)  
[LPCXpresso Board for LPC1227](#)  
[LPCXpresso Board for LPC11C24](#)  
[LPCXpresso Board for LPC11U14](#)  
[NGX LPCXpresso BaseBoard](#)

For more information, visit:

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[Embedded Artists Product Page \(BaseBoard\)](#)

For more information:

[EA HomePage](#)  
[EA Product Page](#)

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