



# OM13020

IAR LPC1788 Developer's Kit

## Demo board description

The IAR LPC177x/8x Evaluation Board allows you to quickly and easily evaluate the LPC177x/8x family of microcontrollers. The microcontroller, board, and accompanying features make it a great starting point for your next Cortex-M3 project.

Populated with the LPC1788 to demonstrate LPC177x/8x features.

Order Number: OM13020

## Features

- User interfaces:
  - 2x user buttons
  - 3.5" LCD
- Debug interfaces:
  - JTAG/SWD connector - 20 pin 0.1"
  - SWD connector - small 9 pin 0.05"
  - ETMv3 connector - small 19 pin 0.05"
- Communication interfaces
  - USB Host and OTG
  - CAN driver and connector

## Descriptive summary

### IAR LPC1788 Developer's Kit

IAR's LPC1788 Developer's Kit contains all the necessary hardware and software and allows you to design, integrate and test your applications. The LPC1788 Evaluation Board is equipped with the Cortex-M3 LPC1788 microcontroller and is suitable for a wide range of applications that requires advanced communication and high quality graphic displays.

### Demo Box Contents

- LPC1788-SK Evaluation Board
- IAR J-Link Lite for ARM
- IAR Embedded Workbench for ARM 32K limited edition
- IAR visualSTATE 20-state evaluation edition
- Example applications from IAR
- Example code from NXP
- RTOS board support

For more information:

[IAR HomePage](#)

[IAR Product Page](#)

### Related DemoBoards

[EA LPC1788 Evaluation Board](#)

[ULINK2-LPC JTAG debugger](#)

### Support Links

[Schematic for IAR LPC1788 Evaluation Board](#)

[SWIM Graphics Library](#)

[emWin Library for IAR1788-SK Board, IAR Workbench for ARM](#)

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- Quality and reliability disclaimer

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