

## Demoboard with 32-bit ARM-7 microcontroller

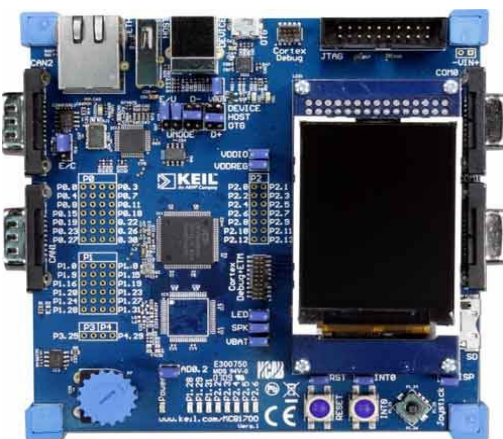
### FIELDS OF APPLICATION:

- Consumer Electronics
- Industrial automatical systems
- Learning laboratories
- Mobile phones
- Portable game consoles
- Calculators
- Computer periphery devices

### MAIN FEATURES AND BENEFITS:

- LPC1768 ARM7microcontroller -32-bit, Cortex core - M3, 512 KB Flash- memory programs, 64 KB RAM, real time clock, 8 12 bit ADC,10 bit DAC, Ethernet, USB 2.0 Device / Host / OTG (Full-Speed), 4 UART, 2 CAN, SPI, 2 SSP, 3 I2C, I2S, 4 32-bit timers, 5B compatible inputs / outputs, serviceability up to 100 MHz, up to 70 input / output lines
- color QVGA TFT LCD
- Ethernet interface 10/100 PHY
- USB Host port
- two CAN ports based on TJA1042
- two RS-232 ports
- card holder MMC / SD
- JTAG-connector 2x10 pin

### CONSTRUCTION:



- Demoboard EA-EDU-001
- Development medium IAR EW KickStart (limited to 32kB) and democodes on CD
- USB cable
- Software of own design

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