LPCXpresso expansion connector

Target MCU: LPC1769

Ethernet PHY Interface

Expansion connector

External powering (+5V)

USB micro-B

Power Supply

+3.3V

Optional external powering (+3.3V)

Power Supply

LPC11U35 (implementing CMSIS-DAP)

External debug connector

Expansion connector

NXP board number: OM13085

UL = UnLoaded = normally not mounted component.

Default jumper settings are indicated in the schematic. However, always check jumper positions on actual boards since there is no guarantee that all jumpers are in default place.
Target MCU: LPC1769

Debug connector (SWD/JTAG)

RESET push-button and LED

USB pullup for USB Device operation

R95 can be replaced to measure current
CMSIS-DAP Debug Interface

CMSIS-DAP USB interface (micro-B connector)

3.3V power supply, 700mA

Short to disable CMSIS-DAP interface
(= allow external debugger to be connected)