

FRDM-MCXC041 Development Board



Get to know the FRDM-MCXC041 development board

NXP's MCUXpresso Developer Experience provides you with cost-effective MCU development boards.

Easy I/O access supports expansion board use

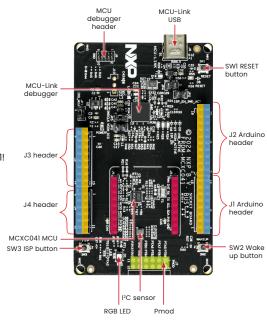
for fast prototyping and rapid evaluation.

Arduino[®] Header FRDM Header

mikroBUS™

Pmod™

Enjoy your FRDM-MCXC041!



Quick Start Guide FRDM-MCXC041

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		Y	V		
0	NC	2	1	NC	NC
DREF	P3V3	4	3	NC	NC
ESET	PTAI	6	5	NC	NC
3V3	P3V3	8	7	NC	NC
5V0	P5V0	10	9	NC	NC
GND	GND	12	11	NC	NC
ND	GND	14	13	NC	NC
VIN	P5-9V_VIN	16	15	NC	NC
Α0	PTA9	2	1	NC	NC
A1	PTA8	4	3	NC	NC
A2	PTA12	6	5	NC	NC
A3	PTA2	8	7	NC	NC
A4	PTB13/PTA3	10	9	NC	NC
A5	PTA4	12	11	NC	NC
VCC	P3V3	12	11	P3V3	VCC
GND	GND	10	9	GND	GND
SDA	PTB4	8	7	PTB0	SCK
SCL	PTB3	6	5	PTA6	SDI
GPIO	PTB7	4	3	PTA7	SDO
GPIO	PTB6	2	1	PTA5	SS

Arduino® Header
FRDM Header
mikroBUS™
Pmod™

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How to get started

Setup

- Connect the FRDM-MCXC041 board to a PC using the USB Type-C® cable
- 2. The board comes preprogrammed with a blinky LED demo
- 3. Get started at nxp.com/FRDM-MCXC041/start

Software and expansion boards

- 4. Use different headers to connect sensors, Arduino shields and more
- Access software and tools through our MCUXpresso Developer Experience <u>nxp.com/MCUXpresso</u>
 - Expansion Board Hub <u>mcuxpresso.nxp.com/eb-hub</u> to find add-on boards from NXP and our partners with related MCUXpresso SDK-compatible drivers and examples
 - Application Code Hub <u>mcuxpresso.nxp.com/appcodehub</u> to browse application code examples from our experts to help kick start your project

Support

Visit www.nxp.com/support

www.nxp.com/FRDM-MCXC041

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