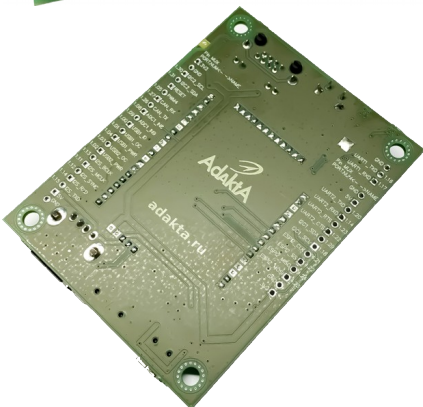
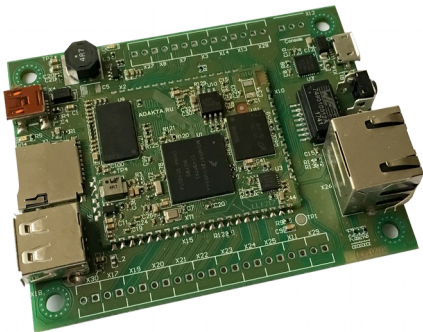


ADAKTA Development Kit on iMX6ull

ADAKTA Development Kit mx6ull (ADK6ull) designed to quick start developing with System on Module based on NXP iMX6ull.



Main advantages:

- Price starts at 50\$;
- All interfaces are output on the side connectors (step 2.54). On the reverse side of the motherboard, the names of the ports and GPIO numbers are signed.
- The miniUSB connector allows you to connect the ADK6ull to a PC in USB device mode.
- You can power the board (5V) via PLS or miniUSB \ microUSB.
- Demo of Yocto - works directly out of the box.
- Linux console via embedded USB-UART.
- Designed and manufactured in Russia.

Part-numbers:

- [ADK6ull-m02c](#)
- [ADK6ull-m52i](#) (SoM with 512 Mbyte NAND)

System

CPU NXP iMX6ull	DDR3 256 Mbyte
SPI NOR flash (for bootloader) 1 Mbyte	NAND 512 Mbyte (only m52i)

Interfaces

1x Ethernet, RJ45	1x USB Host, USB-A
2x LED: power and user	1x USB Device, miniUSB
1x MMC/SD microSD card	1x SAI (I2S) audio codec
2x ADC	20x GPIO (max)
2x I2C or 2xUART	1x SPI
1x Console UART	1x PWM
1x Full UART (+RTS/CTS)	1x CAN
1x reset button	1x USB-UART Linux terminal

Physical

Dimension: 85 mm x 64 mm	Mounting holes: 4
Temperature range: 0 +85 C (m02c) \ -40 +85 C (m52i)	
Power: 5V@0.1-0.5A via PLS or miniUSB \ microUSB	