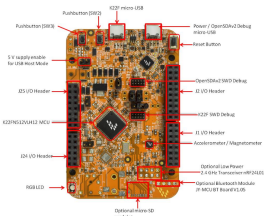


Ani spoločnosť Freescale nechce byť pozadu s Arduinovskými modulmi, a tak predstavila "Freedom Development Platform" s procesorom ARM® Cortex®-M4 - Kinetis K22 a to za zaujímavých **29,- USD**.

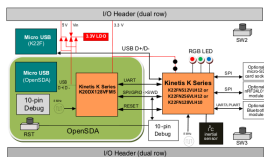
Kit je označený ako "Ultra Low-Cost" čomu zodpovedá aj pár neosadených periférií ako napr: Bluetooth, Micro-SD Slot a 2.4GHz Transceiver modul (k doske nedostanete ani USB kábel...).



Vlastnosti

- [MK22FN512VLH12](#) MCU - 120 MHz, 512 KB Flash, 128 KB SRAM, FPU, DSP, crystal-less USB (USB device), 64 LQFP
- FXOS8700CQ accelerometer and magnetometer
- RGB LED
- Flexible power supply options - USB, external source
- Easy access to MCU I/O
- Optional add-on modules: microSD card (over SPI), RF24L01+(RF) and JY-MCU (Bluetooth)
- Form factor compatible with Arduino™ R3 pin layout
- OpenSDAv2.1 serial and debug interface
- Open-source hardware design
- Open-source bootloader and firmware
- Virtual Serial port interface
- Mass storage device (MSD) flash programming interface - no tool installation required to evaluate demo apps
- CMSIS-DAP interface: new ARM standard for embedded debug interface

Blokové zapojenie



Cena

Freescale ponúka dosku z 29,- USD a u [Farnella ju kúpíte](#) za 25.97 Eur

Odkazy

[Homepage FRDM-K22F](#)

[FRDM-K22F-QSG](#): FRDM-K22F Freescale Freedom Development Platform - Quick Start Guide

[FRDMK22FUG](#): Freescale Freedom Board for Kinetis K22 Hardware, FRDM-K22F

Distribúcia

[vid'. Adresár](#)