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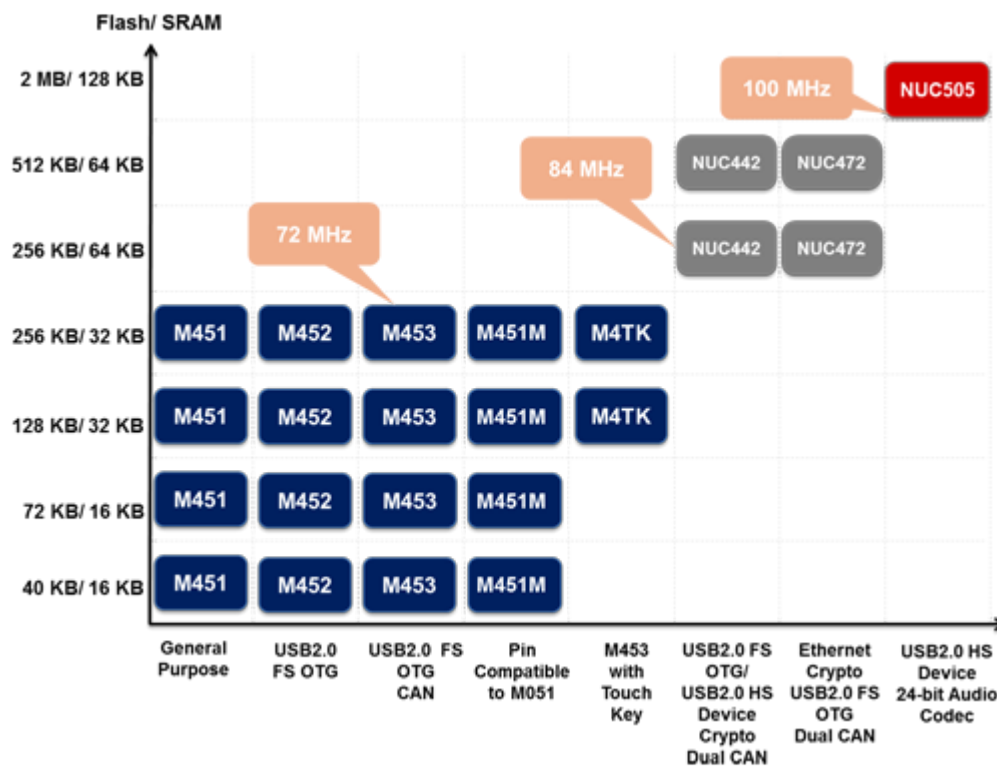
2nd International Higher Education Teaching and Learning Conference 2013

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As one of the **leading Microcontroller (MCU)** companies in the world, **Nuvoton** provides the state-of-the-art **NuMicro® 32-bit MCU** family powered by the **ARM® Cortex®-M4 core**. The Cortex®-M4 MCUs provide wide operating voltage (2.5V - 5.5V) , industrial temperature (-40°C - 105°C) , high accuracy oscillator and high immunity (8KV ESD, 4KV EFT).

The Cortex®-M4 MCUs include NuMicro® NUC442/NUC472 series and NuMicro M451 series.



The NuMicro M451 series features ARM® Cortex®-M4 with DSP extensions and floating point unit (FPU), runs up to 72 MHz, and integrates 128/256 Kbytes embedded Flash memory, 32 Kbytes embedded **SRAM, USB FS OTG, CAN** and other peripherals.

The NUC442/NUC472 series features ARM® Cortex®-M4 with DSP extensions and floating point unit (FPU) , runs up to 84 MHz, and integrates 256 or 512 Kbytes embedded Flash memory, 64 Kbytes

embedded SRAM, Ethernet 10/100 MAC, USB HS Device, USB FS OTG, CAN, SD host and other peripherals.

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