

MCX A13x, 14x, 15x MCUs with Arm® Cortex® M33, Scalable Device Options, Low Power and Intelligent Peripherals

MCX-A13X-A14X-A15X

Last Updated: Aug 26, 2024

MCX A13x, A14x, A15x microcontrollers featuring an Arm® Cortex®-M33 core operate at up to 96MHz with high levels of integration and analog. They address a wide range of applications with scalable device options. The low-power and intelligent peripherals include timers that generate three complementary PWM pairs with deadband insertion, 4Msps 16b ADC with hardware windowing and averaging features. The innovative power architecture is designed to support high utilization of I/Os and power efficiency with a simple supply circuit in a smaller footprint.

The devices are supported by the MCUXpresso Developer Experience to accelerate embedded system development.



MCX A132/3, A142/3, A152/3 Block Diagram Block Diagram

MCX A144/5/6, A154/5/6 Block Diagram Block Diagram



View additional information for MCX A13x, 14x, 15x MCUs with Arm® Cortex® M33, Scalable Device Options, Low Power and Intelligent Peripherals.

Note: The information on this document is subject to change without notice.

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2024 NXP B.V.