

Nuvoton NuMicro™ Family



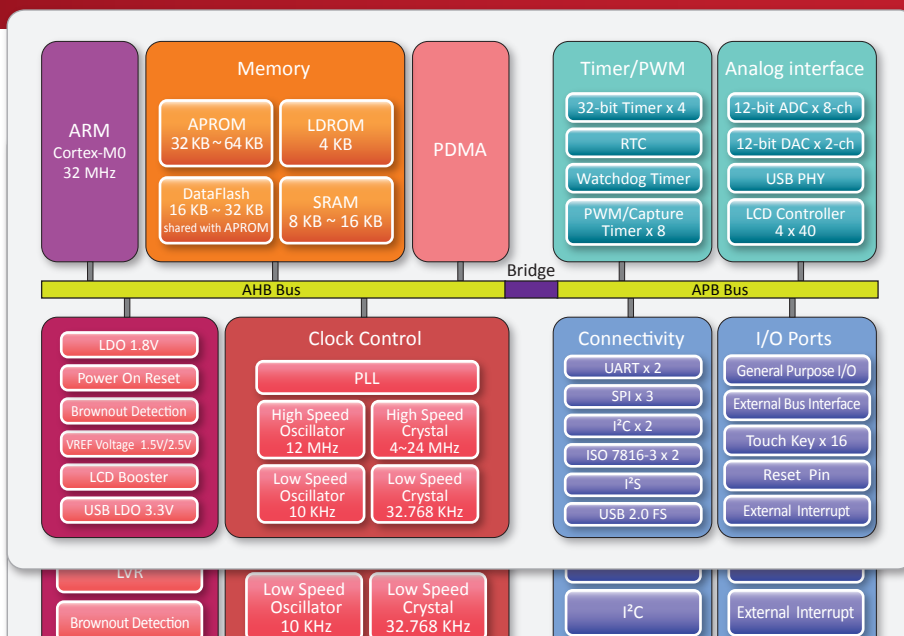
NuMicro-Nano™ Series

Ultra low power Cortex™-M0 MCU for battery-powered devices equipped with LCD and USB

מחלקת המחקר והפיתוח

» Applications

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- ◆ Wireless Audio, Gaming
 - ◆ Higher Performance Control
 - ◆ Network Control
 - ◆ Security Alarm System
 - ◆ Industrial Control
 - ◆ Diagnostic
 - ◆ Industrial Control Equipment
 - ◆ Industrial Control
 - ◆ Communication System
 - ◆ Handheld Medical Equipment
 - ◆ Consumer Analysis System
 - ◆ Environmental Control System
 - ◆ Smart Building Control
 - ◆ Smart Home Control
 - ◆ General Purpose Control
 - ◆ Utility Metering



» Selection Guide

Part No.	Flash	SRAM	Data Flash Share AP ROM	ISP Loader ROM	I/O	Timer	Connectivity				I ² S	PWM	12 bit ADC	RTC	EBI	IRC 10KHz/12MHz	PDMA	LCD	12 bit DAC	Smart Card	Touch Key	ISP ICP	Package
							UART	SPI	I ² C	USB													
Nano100 Base Line																							
NANO100LC2AN	32K	8K	0~16K	4K	up to 39	4x32-bit	2	3	2	-	1	4	8	v	-	v	4	-	2	2	4	v	LQFP48
NANO100LD2AN	64K	8K	0~32K	4K	up to 39	4x32-bit	2	3	2	-	1	4	8	v	-	v	4	-	2	2	4	v	LQFP48
NANO100LD3AN	64K	16K	0~32K	4K	up to 39	4x32-bit	2	3	2	-	1	4	8	v	-	v	4	-	2	2	4	v	LQFP48
NANO100SC2AN	32K	8K	0~16K	4K	up to 53	4x32-bit	2	3	2	-	1	8	8	v	v	v	4	-	2	2	8	v	LQFP64*
NANO100SD2AN	64K	8K	0~32K	4K	up to 53	4x32-bit	2	3	2	-	1	8	8	v	v	v	4	-	2	2	8	v	LQFP64*
NANO100VD2AN	64K	8K	0~32K	4K	up to 86	4x32-bit	2	3	2	-	1	8	8	v	v	v	4	-	2	2	16	v	LQFP100
NANO100VD3AN	64K	16K	0~32K	4K	up to 86	4x32-bit	2	3	2	-	1	8	8	v	v	v	4	-	2	2	16	v	LQFP100
Nano 110 LCD Line																							
NANO110VC2AN	32K	8K	0~16K	4K	up to 46	4x32-bit	2	2	2	-	1	8	8	v	-	v	4	4x40	2	2	16	v	LQFP100
NANO110VD2AN	64K	8K	0~32K	4K	up to 46	4x32-bit	2	2	2	-	1	8	8	v	-	v	4	4x40	2	2	16	v	LQFP100
NANO110VD3AN	64K	16K	0~32K	4K	up to 46	4x32-bit	2	2	2	-	1	8	8	v	-	v	4	4x40	2	2	16	v	LQFP100
Nano 120 USB Connectivity Line																							
NANO120LC2AN	32K	8K	0~16K	4K	up to 35	4x32-bit	2	3	2	1	1	4	8	v	-	v	4	-	2	2	4	v	LQFP48
NANO120LD2AN	64K	8K	0~32K	4K	up to 35	4x32-bit	2	3	2	1	1	4	8	v	-	v	4	-	2	2	4	v	LQFP48
NANO120LD3AN	64K	16K	0~32K	4K	up to 35	4x32-bit	2	3	2	1	1	4	8	v	-	v	4	-	2	2	4	v	LQFP48
NANO120SC2AN	32K	8K	0~16K	4K	up to 49	4x32-bit	2	3	2	1	1	8	8	v	-	v	4	-	2	2	8	v	LQFP64*
NANO120SD2AN	64K	8K	0~32K	4K	up to 49	4x32-bit	2	3	2	1	1	8	8	v	-	v	4	-	2	2	8	v	LQFP64*
Nano 130 Advance Line (USB+LCD)																							
NANO130VC2AN	32K	8K	0~16K	4K	up to 41	4x32-bit	2	2	2	1	1	8	8	v	v	v	4	4x40	2	2	16	v	LQFP100
NANO130VD2AN	64K	8K	0~32K	4K	up to 41	4x32-bit	2	2	2	1	1	8	8	v	v	v	4	4x40	2	2	16	v	LQFP100
NANO130VD3AN	64K	16K	0~32K	4K	up to 41	4x32-bit	2	2	2	1	1	8	8	v	v	v	4	4x40	2	2	16	v	LQFP100

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