

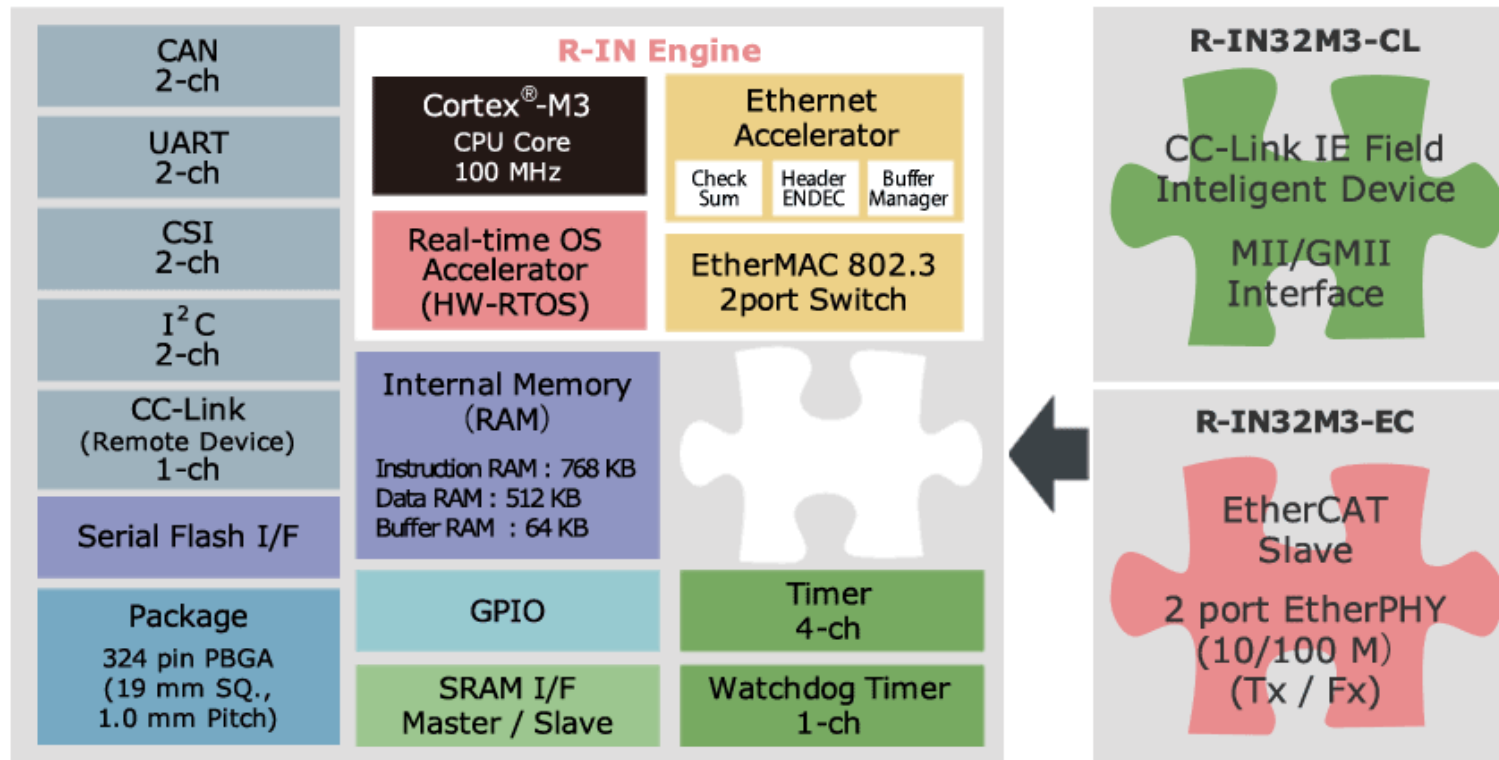
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# UPD60510BF1-HN4-M1-A

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## BLOCK DIAGRAM

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## PARAMETRICS

Parameters

UPD60510BF1-HN4-M1-A

Basic Information

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Star Product	-
Bit Size	32
Family	R-IN
Series	R-IN32M3
Group	R-IN32
Program Memory (KB)	768
RAM (KB)	512
Program Memory Type	ROMless
Pin Count	324
CPU	Cortex-M3
Max. Freq (MHz)	100
On-chip Oscillator	YES
On-chip Oscillator Freq. (MHz)	100
PLL	YES
DMA	YES
DMA Remarks	DMAC x 4 ch
External Interrupt Pins	29
I/O Ports	96
32-bit Timer (ch)	1
Watchdog Timer (ch)	1

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CAN (ch)	2
Ethernet	YES
Ethernet Remarks	2ch
USB Endpoints	0
Clocked Serial Interface (ch)	2
UART (ch)	2
I2C (ch)	2
Operating Voltage Max (V)	1.1
Operating Voltage Min (V)	0.9
Power Supply	"VDD = 0.9 to 1.1 V, VDDIO = 3.0 to 3.6V"
Operating Temperature Max (°C)	85
Operating Temperature Min (°C)	-40
Remarks	"Industrial communication, include CC-Link IE Field slave IP"

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