

**Separate Sheet**

**Product Specifications of the R-IN32M4-CL2**

Product	R-IN32M4-CL2	
Pin count	484 pin	
Package (Body size (mm))	23mm×23mm	
RAM (Byte)	1.3M (Instruction RAM 768 KB, Data RAM 512 KB)	
Supply voltage	3.3 V±5%, 2.5 V±5%, 1.0 V±5%	
CPU	ARM® Cortex®-M4F(100 MHz)	
I/O	CMOS 106 port (max)	
Timer	32 bit: 4 ch, 16 bit: 16 ch, WDT: 1 ch	
10-bit A/D	8ch	
DMA	4ch + 1ch (for real-time port) Software trigger, Interrupt triggers	
Boot mode	External serial flash ROM boot External memory boot (external NOR flash ROM) External host CPU boot	
Ether port	Integrated 2 port IEEE802.3 GbE Ethernet PHY	
CC-LINK IE	Intelligent device station	
CC-LINK	Intelligent device station/Remote device station	
Serial I/F	CSI	2 ch
	UART	2 ch
	I <sup>2</sup> C	2 ch
	CAN	2 ch
External interrupt inputs	29 interrupts	
External CPU interface	Bus sizing (16 bits or 32 bits) External memory area: Total 256 MB (max)	
Serial flash ROM controller	Supports a serial interface compatible with SPIs of different companies Supports Fast Read, Fast Read Dual Output, Fast Read Dual I/O, Fast Read Quad Output, Fast Read Quad I/O mode	
Operating temperature	-40°C - +85°C	

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