

## ATSAMA5D28A-CN



### Microchip Technology

IC MCU 32BIT EXT MEM 289LFBGA

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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## Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	1.1 V ~ 3.6 V
<b>Supplier Device Package:</b>	289-LFBGA (14x14)
<b>Speed:</b>	500MHz
<b>Series:</b>	SAMA5D2
<b>RAM Size:</b>	128K x 8
<b>Program Memory Type:</b>	External Program Memory
<b>Program Memory Size:</b>	-
<b>Peripherals:</b>	DMA, I <sup>2</sup> S, LCD, POR, PWM, WDT
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	289-LFBGA
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 105°C (TA)
<b>Number of I/O:</b>	128
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 10x12b
<b>Core Size:</b>	32-Bit
<b>Core Processor:</b>	ARM® Cortex®-A5
<b>Connectivity:</b>	CAN, EBI/EMI, Ethernet, I <sup>2</sup> C, IrDA, LIN, MMC/SD/SDIO, QSPI, SPI, SSC, UART/USART, USB

## Related products

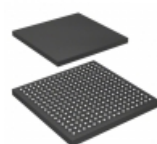


### ATSAMA5D2B-XULT

SAMA5D2 LOW COST KIT MRLB

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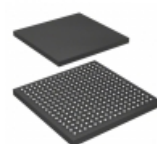


### ATSAMA5D28A-CNR

IC MCU 32BIT EXT MEM 289LFBGA

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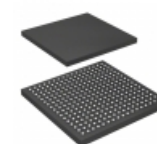


### ATSAMA5D27A-CUR

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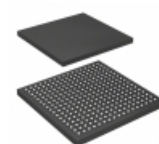


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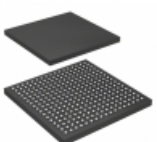


### ATSAMA5D27B-CU

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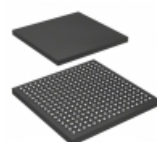


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### ATSAMA5D3-XPLD

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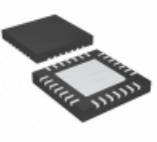
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## Guess You May Looking For



### MAX8785AETI+T

IC CCFL CTRL 28-TQFN

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### TMC429-LI

IC MOTOR CONTROLLER SPI 32QFN

[Trinamic Motion Control GmbH](#)

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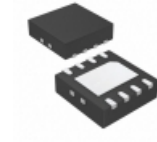


### BUK2114-50SYTS,118

IC TOPFET HIGH SIDE SW D2PAK-5

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### LTC4257CDD#PBF

IC POE 802.3AF CONTROLLER 8-DFN

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### NCP303LSN09T2G

IC VOLT DETECT OD 0.9V 5TSOP

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### S-80834CLUA-B6TT2U

IC VOLT DETECTOR 3.4V SOT89-3

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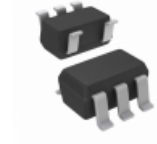


### LM4040DIM3-5.0

IC VREF SHUNT 5V SOT23-3

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### LP2981A-33DBVR

IC REG LDO 3.3V 0.1A SOT23-5

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### BD750L5FP-CE2

IC REG LDO 5V 0.5A TO252-3

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