

## PK50N512CLL100



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IC MCU 32BIT 512KB FLASH 100LQFP

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	1.71 V ~ 3.6 V
<b>Supplier Device Package:</b>	100-LQFP (14x14)
<b>Speed:</b>	100MHz
<b>Series:</b>	Kinetis K50
<b>RAM Size:</b>	128K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	512KB (512K x 8)
<b>Peripherals:</b>	DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	100-LQFP
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 85°C (TA)
<b>Number of I/O:</b>	59
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 18x16b, D/A 2x12b
<b>Core Size:</b>	32-Bit
<b>Core Processor:</b>	ARM® Cortex®-M4
<b>Connectivity:</b>	EBI/EMI, I <sup>2</sup> C, IrDA, SD, SPI, UART/USART, USB, USB OTG

### Related products



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**PK50N512CMC100**

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**PK500PT-1**

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**PK50X256CLL100**

IC MCU 32BIT 256KB FLASH 100LQFP  
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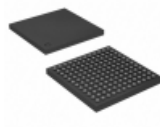
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**PK5-160S-T-4-GGF**

CONN SOCKET 160POS .5MM STR SMD  
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**PK50N512CMD100**

IC MCU 32BIT 512KB FLASH 144BGA  
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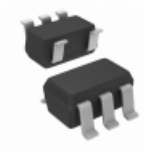
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IC PWR DIST SWITCH SGL SOT23-5  
[Texas Instruments](#)

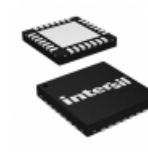
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[Maxim Integrated](#)

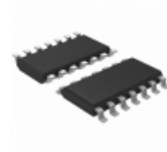
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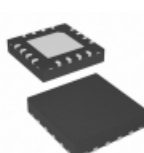
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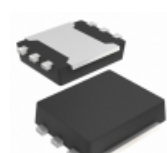
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