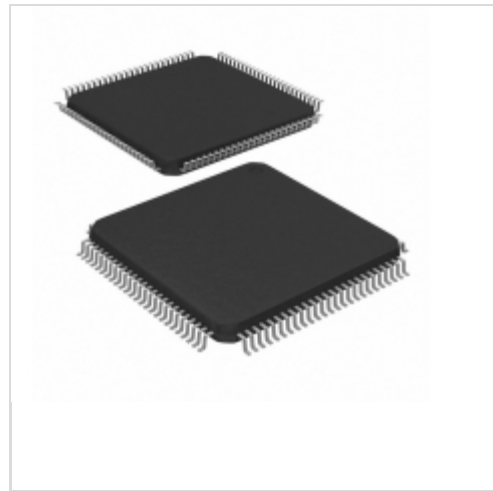


## S6E2HE6F0AGV2000A



**Cypress Semiconductor**

IC MCU 32BIT 544KB FLASH 100LQFP

Lead free / RoHS Compliant

Integrated Circuits (ICs)

[S6E2HE6F0AGV2000A.pdf](#)

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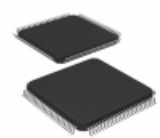
**5**

**receive the goods**

## Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	2.7 V ~ 5.5 V
<b>Supplier Device Package:</b>	100-LQFP (14x14)
<b>Speed:</b>	160MHz
<b>Series:</b>	FM4 S6E2HE
<b>RAM Size:</b>	64K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	544KB (544K x 8)
<b>Peripherals:</b>	DMA, 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 ~ 125°C (TA)
<b>Number of I/O:</b>	80
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 24x12b. D/A 2x12b
<b>Core Size:</b>	32-Bit
<b>Core Processor:</b>	ARM® Cortex®-M4F
<b>Connectivity:</b>	CSIO, EBI/EMI, I <sup>2</sup> C, LIN, SD, UART/USART

## Related products



**S6E2HG4F0AGV20000**

IC MCU 32BIT 288KB FLASH 100LQFP

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**S6E2HE4G0AGV20000**

IC MCU 32BIT 288KB FLASH 120LQFP

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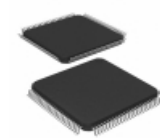


**S6E2HG4E0AGV20000**

IC MCU 32BIT 288KB FLASH 80LQFP

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**S6E2HE4F0AGV20000**

IC MCU 32BIT 288KB FLASH 100LQFP

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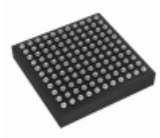


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IC MCU 32BIT 288KB FLASH 80LQFP

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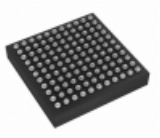


**S6E2HE6G0AGB3000A**

IC MCU 32BIT 544KB FLASH 121BGA

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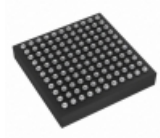


**S6E2HG4G0AGB3000A**

IC MCU 32BIT 288KB FLASH 121BGA

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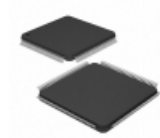


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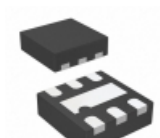


**ISL88003IE17Z-TK**

IC VOLT SUPERVISOR 1.67V SC-70

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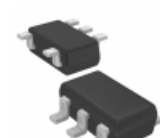


**MIC826TYMT-T5**

IC SUPERVISOR RESET 3.075V 6TDFN

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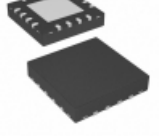


**MAX6037BAUK21+T**

IC VREF SERIES 2.048V SOT23-5

[Maxim Integrated](#)

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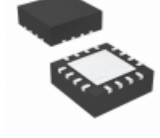


**ISL6520CR-T**

IC REG CTRLR BUCK 16QFN

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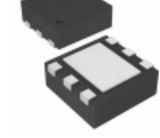


**TPS54494RSAT**

IC REG BUCK ADJ 4A/2A DL 16QFN

[Texas Instruments](#)

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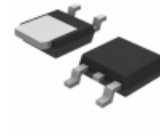


**TPS62262DRVTG4**

IC REG BUCK 1.2V 0.6A SYNC 6SON

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**MC78M12ABDTRKG**

IC REG LDO 12V 0.5A DPAK

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