

## 5SGSMD6N2F45I3N



**Altera (Intel® Programmable Solutions Group)**

IC FPGA 840 I/O 1932FBGA  
Lead free / RoHS Compliant  
Integrated Circuits (ICs)

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Minimum:1

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Manufacturer lead time 10 weeks

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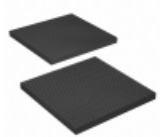
**5**

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### Specifications

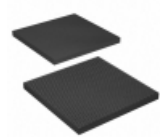
<b>Voltage - Supply:</b>	0.82 V ~ 0.88 V
<b>Total RAM Bits:</b>	54553600
<b>Supplier Device Package:</b>	1932-FBGA (45x45)
<b>Series:</b>	Stratix® V GS
<b>Package / Case:</b>	1932-BBGA, FCBGA
<b>Operating Temperature:</b>	-40°C ~ 100°C (TJ)
<b>Number of Logic Elements/Cells:</b>	583000
<b>Number of LABs/CLBs:</b>	220000
<b>Number of I/O:</b>	840
<b>Mounting Type:</b>	Surface Mount

### Related products



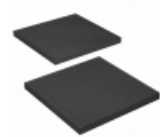
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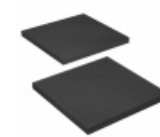
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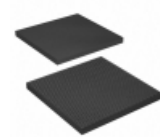
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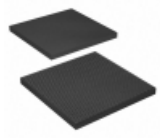
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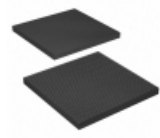
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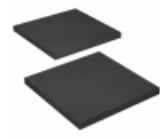
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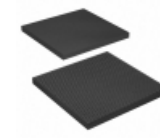
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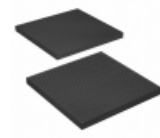
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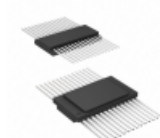
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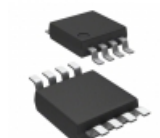
**709269L12PFI**  
IC SRAM 256KBIT 12NS 100TQFP  
[IDT, Integrated Device Technology Inc](#)

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IC EEPROM 256KBIT 120NS 28FLATPK  
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IC EEPROM 2KBIT 2MHZ 8MSOP  
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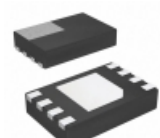
**CAT28C256H13I12**  
IC EEPROM 256KBIT 120NS 28TSOP  
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**TOP268EG**  
IC OFFLINE SW PWM OCP OVP 7ESIP  
[Power Integrations](#)

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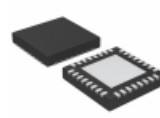
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IC BATT CHARGER SGL 850MA 8-UDFN  
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**EPSON**

**S1F77600Y0A000L**  
IC BATTERY LEAK PREVENTION SOT89  
[Epson Electronics America Inc-Semiconductor Div](#)

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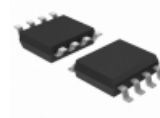
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IC LCD DRIVER AUTO 32HVQFN  
[NXP USA Inc.](#)

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**LV11961HA-AH**  
IC MOTOR DRIVER 18V 14HSSOP  
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