

## ICE65L04F-TCB196I



**Lattice Semiconductor**

IC FPGA 150 I/O 196CSBGA  
Lead free / RoHS Compliant  
Integrated Circuits (ICs)

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### Specifications

<b>Voltage - Supply:</b>	1.14 V ~ 1.26 V
<b>Total RAM Bits:</b>	81920
<b>Supplier Device Package:</b>	196-CSPBGA (8x8)
<b>Series:</b>	ICE65™ L
<b>Package / Case:</b>	196-VFBGA, CSPBGA
<b>Operating Temperature:</b>	-40°C ~ 85°C (TA)
<b>Number of Logic Elements/Cells:</b>	3520
<b>Number of LABs/CLBs:</b>	440
<b>Number of I/O:</b>	150
<b>Mounting Type:</b>	Surface Mount

### Related products

**LATTICE**

**ICE65L04F-TCB284C**

IC FPGA 176 I/O 284CSBGA  
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**ICE65L04F-T-CB132C**

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**ICE65L04F-TVQ100I**

IC FPGA 72 I/O 100VQFP  
[Lattice Semiconductor Corporation](#)

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**ICE65L04F-TCB196C**

IC FPGA 150 I/O 196CSBGA  
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**ICE65L04F-TCB284I**

IC FPGA 176 I/O 284CSBGA  
[Lattice Semiconductor Corporation](#)

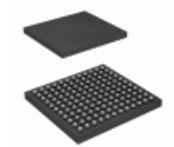
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**ICE65L04F-TCS63I**

IC FPGA 48 I/O 63WLCSP  
[Lattice Semiconductor Corporation](#)

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**ICE65L04F-TCB132C**

IC FPGA 95 I/O 132CSBGA  
[Lattice Semiconductor Corporation](#)

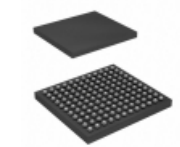
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**ICE65L04F-LVQ100I**

IC FPGA 72 I/O 100VQFP  
[Lattice Semiconductor Corporation](#)

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**ICE65L04F-TCB132I**

IC FPGA 95 I/O 132CSBGA  
[Lattice Semiconductor Corporation](#)

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**ICE65L04F-TVQ100C**

IC FPGA 72 I/O 100VQFP  
[Lattice Semiconductor Corporation](#)

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### Guess You May Looking For



**AT24C32E-SSHM-B**

IC EEPROM 32KBIT 1MHZ 8SOIC  
[Microchip Technology](#)

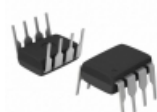
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**70V9369L9PF**

IC SRAM 288KBIT 9NS 100TQFP  
[IDT, Integrated Device Technology Inc](#)

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**AT25080A-10PU-2.7**

IC EEPROM 8KBIT 20MHZ 8DIP  
[Microchip Technology](#)

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**IS62C256-70U**

IC SRAM 256KBIT 70NS 28SOP  
[ISSI, Integrated Silicon Solution Inc](#)

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**AT25320A-10TU-2.7**

IC EEPROM 32KBIT 20MHZ 8TSSOP  
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**EPC1LI20**

IC CONFIG DEVICE 1MBIT 20PLCC  
[Altera](#)

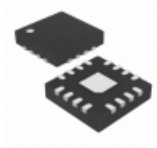
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**BQ24156YFFR**

IC LI-ION CHARGE MGMT 20DSBGA  
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**AUIRS21811S**

IC DRIVER HIGH/LOW SIDE 8SOIC  
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