

ICE65L04F-TCB196I Information


For Reference Only

Part Number [ICE65L04F-TCB196I](#)
Manufacturer Lattice Semiconductor Corporation
Category Integrated Circuits (ICs)
[Embedded - FPGAs \(Field Programmable Gate Array\)](#)
Description IC FPGA 150 I/O 196CSBGA
Package 196-VFBGA, CSPBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


ICE65L04F-TCB196I Specifications

Manufacturer Part Number	ICE65L04F-TCB196I
Manufacturer	Lattice Semiconductor Corporation
Category	Integrated Circuits (ICs) Embedded - FPGAs (Field Programmable Gate Array)
Package	196-VFBGA, CSPBGA
Series	iCE65? L
Number of LABs/CLBs	440
Number of Logic Elements/Cells	3520
Total RAM Bits	81920
Number of I/O	150
Number of Gates	-
Voltage - Supply	1.14 V ~ 1.26 V
Mounting Type	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	196-VFBGA, CSPBGA
Supplier Device Package	196-CSPBGA (8x8)

[Report errors?](#)

ICE65L04F-TCB196I Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

ICE65L04F-TCB196I Payment Methods



ICE65L04F-TCB196I Shipping Methods



If you have any question about ICE65L04F-TCB196I, please do not hesitate to contact us!

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