

ICE40LP640-SWG16TR Information


For Reference Only

Part Number [ICE40LP640-SWG16TR](#)
Manufacturer Lattice Semiconductor Corporation
Category Integrated Circuits (ICs)
[Embedded - FPGAs \(Field Programmable Gate Array\)](#)
Description IC FPGA 10 I/O 16WLCSP
Package 16-XFBGA, WLCSP
 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.


ICE40LP640-SWG16TR Specifications

Manufacturer Part Number	ICE40LP640-SWG16TR
Manufacturer	Lattice Semiconductor Corporation
Category	Integrated Circuits (ICs) Embedded - FPGAs (Field Programmable Gate Array)
Package	16-XFBGA, WLCSP
Series	LP
Number of LABs/CLBs	80
Number of Logic Elements/Cells	640
Total RAM Bits	32768
Number of I/O	10
Number of Gates	-
Voltage - Supply	1.14 V ~ 1.26 V
Mounting Type	Surface Mount
Operating Temperature	-40°C ~ 100°C (TJ)
Package / Case	16-XFBGA, WLCSP
Supplier Device Package	16-WLCSP (1.4x1.5)

[Report errors?](#)

ICE40LP640-SWG16TR 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.

ICE40LP640-SWG16TR Payment Methods



ICE40LP640-SWG16TR Shipping Methods



If you have any question about ICE40LP640-SWG16TR, please do not hesitate to contact us!

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