

**ICE40UL640-SWG16ITR1K Information**


For Reference Only

**Part Number** [ICE40UL640-SWG16ITR1K](#)  
**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](mailto: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.


**ICE40UL640-SWG16ITR1K Specifications**

Manufacturer Part Number	<a href="#">ICE40UL640-SWG16ITR1K</a>
Manufacturer	Lattice Semiconductor Corporation
Category	Integrated Circuits (ICs) <a href="#">Embedded - FPGAs (Field Programmable Gate Array)</a>
Package	16-XFBGA, WLCSP
Series	UltraLite
Number of LABs/CLBs	80
Number of Logic Elements/Cells	640
Total RAM Bits	57344
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-WLSCP (1.40x1.48)

[Report errors?](#)

## ICE40UL640-SWG16ITR1K 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.

## ICE40UL640-SWG16ITR1K Payment Methods



## ICE40UL640-SWG16ITR1K Shipping Methods



If you have any question about ICE40UL640-SWG16ITR1K, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)