

EP1S40F780I6 Information


For Reference Only

Part Number [EP1S40F780I6](#)
Manufacturer Altera
Category Integrated Circuits (ICs)
[Embedded - FPGAs \(Field Programmable Gate Array\)](#)
Description IC FPGA 615 I/O 780FBGA
Package 780-BBGA, FCBGA
 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.


EP1S40F780I6 Specifications

| | |
|--------------------------------|---|
| Manufacturer Part Number | EP1S40F780I6 |
| Manufacturer | Altera |
| Category | Integrated Circuits (ICs) Embedded - FPGAs (Field Programmable Gate Array) |
| Package | 780-BBGA, FCBGA |
| Series | Stratix? |
| Number of LABs/CLBs | 4125 |
| Number of Logic Elements/Cells | 41250 |
| Total RAM Bits | 3423744 |
| Number of I/O | 615 |
| Number of Gates | - |
| Voltage - Supply | 1.425 V ~ 1.575 V |
| Mounting Type | Surface Mount |
| Operating Temperature | -40°C ~ 100°C (TJ) |
| Package / Case | 780-BBGA, FCBGA |
| Supplier Device Package | 780-FBGA (29x29) |

[Report errors?](#)

EP1S40F780I6 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.

EP1S40F780I6 Payment Methods



EP1S40F780I6 Shipping Methods



If you have any question about EP1S40F780I6, please do not hesitate to contact us!

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