

**ISL6742BAAZA-T Information**


For Reference Only

**Part Number** [ISL6742BAAZA-T](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - DC DC Switching Controllers](#)  
**Description** IC REG CTRLR MULT TOP 16QSOP  
**Package** 16-SSOP (0.154", 3.90mm Width)  
 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.


**ISL6742BAAZA-T Specifications**

Manufacturer Part Number	<a href="#">ISL6742BAAZA-T</a>
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) <a href="#">PMIC - Voltage Regulators - DC DC Switching Controllers</a>
Package	16-SSOP (0.154", 3.90mm Width)
Series	-
Output Type	Transistor Driver
Function	Step-Up/Step-Down
Output Configuration	Positive, Isolation Capable
Topology	Full-Bridge, Half-Bridge
Number of Outputs	1
Output Phases	1
Voltage - Supply (Vcc/Vdd)	9 V ~ 16 V
Frequency - Switching	Up to 2MHz
Duty Cycle (Max)	99%
Synchronous Rectifier	Yes
Clock Sync	No
Serial Interfaces	-
Control Features	Frequency Control, Ramp, Soft Start
Operating Temperature	-40°C ~ 105°C (TA)
Package / Case	16-SSOP (0.154", 3.90mm Width)
Supplier Device Package	16-QSOP

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## ISL6742BAAZA-T 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.

## ISL6742BAAZA-T Payment Methods



## ISL6742BAAZA-T Shipping Methods



If you have any question about ISL6742BAAZA-T, please do not hesitate to contact us!

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