

ISL6580CR-T Information


For Reference Only

Part Number [ISL6580CR-T](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[PMIC - Power Distribution Switches, Load Drivers](#)
Description IC DRIVER HIGH SIDE FET 56-QFN
Package 56-VFQFN Exposed Pad
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


ISL6580CR-T Specifications

Manufacturer Part Number	ISL6580CR-T
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers
Package	56-VFQFN Exposed Pad
Series	-
Switch Type	General Purpose
Number of Outputs	12
Ratio - Input:Output	1:1
Output Configuration	High Side or Low Side
Output Type	N-Channel
Interface	I ² C
Voltage - Load	12V (Max)
Voltage - Supply (Vcc/Vdd)	3.3V, 5V
Current - Output (Max)	25A
Rds On (Typ)	20 mOhm
Input Type	-
Features	-
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage, UVLO
Operating Temperature	0°C ~ 85°C (TA)
Package / Case	56-VFQFN Exposed Pad
Supplier Device Package	56-QFN-EP (8x8)

[Report errors?](#)

ISL6580CR-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.

ISL6580CR-T Payment Methods



ISL6580CR-T Shipping Methods



If you have any question about ISL6580CR-T, please do not hesitate to contact us!

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