



ISL60002BIH325 Information

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For Reference Only

Part Number ISL60002BIH325

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

Description IC VREF SERIES 2.5V SOT23-3 **Package** TO-236-3, SC-59, SOT-23-3

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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ISL60002BIH325 Specifications

Manufacturer Part Number ISL60002BIH325 Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) PMIC - Voltage Reference Package TO-236-3, SC-59, SOT-23-3 Series FGA™ Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 2.5 V Voltage - Output (Max) - Current - Output 7mA Tolerance ±0.04% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30μVp-p Noise - 10Hz to 10kHz - Voltage - Input 2.7 V ~ 5.5 V Current - Supply 900nA Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3		
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Package TO-236-3, SC-59, SOT-23-3 Series FGA TM Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Current - Output 7mA Tolerance ±0.04% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30μVp-p Noise - 10Hz to 10kHz - Voltage - Input 2.7 V ~ 5.5 V Current - Supply 900nA Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3	Category	Integrated Circuits (ICs)
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Reference TypeSeriesOutput TypeFixedVoltage - Output (Min/Fixed) $2.5V$ Voltage - Output (Max)-Current - Output $7mA$ Tolerance $\pm 0.04\%$ Temperature Coefficient $20ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $30\mu Vp-p$ Noise - $10Hz$ to $10kHz$ -Voltage - Input $2.7 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $900nA$ Current - Cathode-Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting TypeSurface MountPackage / Case $TO-236-3$, SC-59, SOT-23-3	Package	TO-236-3, SC-59, SOT-23-3
Output Type Fixed Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Current - Output 7mA Tolerance ±0.04% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30μVp-p Noise - 10Hz to 10kHz - Voltage - Input 2.7 V ~ 5.5 V Current - Supply 900nA Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3	Series	FGA TM
Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Current - Output 7mA Tolerance ±0.04% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30μVp-p Noise - 10Hz to 10kHz - Voltage - Input 2.7 V ~ 5.5 V Current - Supply 900nA Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3	Reference Type	Series
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Current - Output 7mA Tolerance ±0.04% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30μVp-p Noise - 10Hz to 10kHz - Voltage - Input 2.7 V ~ 5.5 V Current - Supply 900nA Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3	Voltage - Output (Min/Fixed)	2.5V
Tolerance ±0.04% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30μVp-p Noise - 10Hz to 10kHz - Voltage - Input 2.7 V ~ 5.5 V Current - Supply 900nA Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3	Voltage - Output (Max)	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Current - Output	7mA
Noise - 0.1Hz to 10Hz $30\mu Vp-p$ $Noise - 10Hz$ to 10kHz $ 2.7 V \sim 5.5 V$ $Current$ - Supply $900nA$ $Current$ - Cathode $-$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA) $Current$ Surface Mount $Current$ Package / Case $Current$	Tolerance	±0.04%
Noise - 10Hz to 10kHz - Voltage - Input 2.7 V ~ 5.5 V Current - Supply 900nA Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3	Temperature Coefficient	20ppm/°C
Voltage - Input $2.7 \text{ V} \sim 5.5 \text{ V}$ Current - Supply 900nA Current - Cathode $-$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C (TA)}$ Mounting Type Surface Mount Package / Case $\text{TO-236-3, SC-59, SOT-23-3}$	Noise - 0.1Hz to 10Hz	30μVp-p
Current - Supply 900nA Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3	Noise - 10Hz to 10kHz	-
Current - Cathode - Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3	Voltage - Input	2.7 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3	Current - Supply	900nA
Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3	Current - Cathode	-
Package / Case TO-236-3, SC-59, SOT-23-3	Operating Temperature	-40°C ~ 85°C (TA)
	Mounting Type	Surface Mount
Compiler Desire Desire Desire	Package / Case	TO-236-3, SC-59, SOT-23-3
Supplier Device Package SO1-25-3	Supplier Device Package	SOT-23-3
Report errors?		Report errors?

ISL60002BIH325 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.

ISL60002BIH325 Payment Methods



















ISL60002BIH325 Shipping Methods













If you have any question about ISL60002BIH325, please do not hesitate to contact us!

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