

ISL60002BAH333Z-T7A

ISL60002BAH333Z-T7A Information



For Reference Only

Part Number ISL60002BAH333Z-T7A

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

Description IC VREF SERIES 3.3V 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



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.









ISL60002BAH333Z-T7A Specifications

Manufacturer Part Number ISL60002BAH333Z-TTA Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) PMIC - Voltage Reference Package TO-236-3, SC-59, SOT-23-3 Series FGATM Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Current - Output 20mA Tolerance ±0.03% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30µVp-p Noise - 10Hz to 10kHz - Voltage - Input 3.5 V ~ 5.5 V Current - Supply 700nA Current - Cathode - Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3		
Category Integrated Circuits (ICs) PMIC - Voltage Reference Package TO-236-3, SC-59, SOT-23-3 Series FGATM Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Current - Output 20mA Tolerance ±0.03% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30μVp-p Noise - 10Hz to 10kHz - Voltage - Input 3.5 V ~ 5.5 V Current - Supply 700nA Current - Cathode - Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Manufacturer Part Number	ISL60002BAH333Z-T7A
Package TO-236-3, SC-59, SOT-23-3 Series FGA TM Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Current - Output 20mA Tolerance ±0.03% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30μVp-p Noise - 10Hz to 10kHz - Voltage - Input 3.5 V ~ 5.5 V Current - Supply 700nA Current - Cathode - Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Manufacturer	Renesas Electronics America
Package TO-236-3, SC-59, SOT-23-3 Series FGA TM Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 3.3 V Voltage - Output (Max) - Current - Output 20mA Tolerance ±0.03% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30μVp-p Noise - 10Hz to 10kHz - Voltage - Input 3.5 V ~ 5.5 V Current - Supply 700nA Current - Cathode - Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Category	Integrated Circuits (ICs)
Series FGA™ Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 3.3 V Voltage - Output (Max) - Current - Output 20mA Tolerance ±0.03% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30µVp-p Noise - 10Hz to 10kHz - Voltage - Input 3.5 V ~ 5.5 V Current - Supply 700nA Current - Cathode - Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3		PMIC - Voltage Reference
Reference TypeSeriesOutput TypeFixedVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output20mATolerance±0.03%Temperature Coefficient20ppm/°CNoise - 0.1Hz to 10Hz30μVp-pNoise - 10Hz to 10kHz-Voltage - Input3.5 V ~ 5.5 VCurrent - Supply700nACurrent - Cathode-Operating Temperature-40°C ~ 105°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Package	TO-236-3, SC-59, SOT-23-3
Output Type Fixed Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Current - Output 20mA Tolerance ±0.03% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30μVp-p Noise - 10Hz to 10kHz - Voltage - Input 3.5 V ~ 5.5 V Current - Supply 700nA Current - Cathode - Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Series	FGA TM
Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Current - Output 20mA Tolerance ±0.03% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30μVp-p Noise - 10Hz to 10kHz - Voltage - Input 3.5 V ~ 5.5 V Current - Supply 700nA Current - Cathode - Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Reference Type	Series
Voltage - Output (Max) - Current - Output 20mA Tolerance ±0.03% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30μVp-p Noise - 10Hz to 10kHz - Voltage - Input 3.5 V ~ 5.5 V Current - Supply 700nA Current - Cathode - Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Output Type	Fixed
Current - Output 20mA Tolerance ±0.03% Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30μVp-p Noise - 10Hz to 10kHz - Voltage - Input 3.5 V ~ 5.5 V Current - Supply 700nA Current - Cathode - Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Voltage - Output (Min/Fixed)	3.3V
Tolerance $\pm 0.03\%$ Temperature Coefficient $20ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $30\mu Vp-p$ Noise - $10Hz$ to $10kHz$ - $20ppm/^{\circ}C$ Noise - $10Hz$ to $10kHz$ - $20ppm/^{\circ}C$ Voltage - Input $20ppm/^{\circ}C$ Current - Supply $20ppm/^{\circ}C$ Current - Cathode - $20ppm/^{\circ}C$ Operating Temperature $20ppm/^{\circ}C$ Mounting Type Surface Mount Package / Case $20ppm/^{\circ}C$ Supplier Device Package $20ppm/^{$	Voltage - Output (Max)	-
Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz 30 μ Vp-p Noise - 10Hz to 10kHz - Voltage - Input 3.5 V ~ 5.5 V Current - Supply 700nA Current - Cathode - Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Current - Output	20mA
Noise - 0.1Hz to 10Hz $30\mu V p-p$ Noise - 10Hz to 10kHz $-$ Voltage - Input $3.5 V \sim 5.5 V$ Current - Supply $700nA$ Current - Cathode $-$ Operating Temperature $-40^{\circ}C \sim 105^{\circ}C \text{ (TA)}$ Mounting Type $Surface \text{ Mount}$ Package / Case $TO-236-3, SC-59, SOT-23-3$ Supplier Device Package	Tolerance	±0.03%
Noise - 10Hz to 10kHz Voltage - Input 3.5 V ~ 5.5 V Current - Supply 700nA Current - Cathode - Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Temperature Coefficient	20ppm/°C
Voltage - Input $3.5 \text{ V} \sim 5.5 \text{ V}$ Current - Supply 700nA Current - Cathode $-$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C (TA)}$ Mounting Type Surface Mount Package / Case $\text{TO-236-3, SC-59, SOT-23-3}$ Supplier Device Package	Noise - 0.1Hz to 10Hz	30μVp-p
Current - Supply 700nA Current - Cathode - Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Noise - 10Hz to 10kHz	-
Current - Cathode Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Voltage - Input	3.5 V ~ 5.5 V
Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Current - Supply	700nA
Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Current - Cathode	-
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package SOT-23-3	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	SOT-23-3
		Report errors?

ISL60002BAH333Z-T7A Guarantees



Ouality 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.

ISL60002BAH333Z-T7A Payment Methods



















ISL60002BAH333Z-T7A Shipping Methods













If you have any question about ISL60002BAH333Z-T7A, please do not hesitate to contact us!

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