



SC431LCSK-.25TR Information

Heisener.com

Part Number SC431LCSK-.25TR

Manufacturer Semtech Corporation

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

DescriptionIC VREF SHUNT ADJ SOT23**Package**TO-236-3, SC-59, SOT-23-3

For the pricing/inventory/lead time, please contact

us

For Reference Only

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.









SC431LCSK-.25TR Specifications

| Manufacturer Part Number SC431LCSK25TR Manufacturer Semtech Corporation Category Integrated Circuits (ICs) PACKAGE TO-236-3, SC-59, SOT-23-3 Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 1.24V Voltage - Output (Max) 16V Current - Output 100mA Tolerance ±0.25% Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Supply - Current - Cathode 100μA Operating Temperature σ°C ~ 70°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 - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 1.24V Voltage - Output (Max) 16V Current - Output 100mA Tolerance ±0.25% Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 100µA Operating Temperature 0°C ~ 70°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 | SC431LCSK25TR |
| Package PMIC - Voltage Reference Package TO-236-3, SC-59, SOT-23-3 Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 1.24V Voltage - Output (Max) 16V Current - Output 100mA Tolerance ±0.25% Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 100μA Operating Temperature 0°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3 | Manufacturer | Semtech Corporation |
| Package TO-236-3, SC-59, SOT-23-3 Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 1.24V Voltage - Output (Max) 16V Current - Output 100mA Tolerance ±0.25% Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 100μA Operating Temperature 0°C ~ 70°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 - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 1.24V Voltage - Output (Max) 16V Current - Output 100mA Tolerance ±0.25% Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 100µA Operating Temperature 0°C ~ 70°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 TypeShuntOutput TypeAdjustableVoltage - Output (Min/Fixed)1.24VVoltage - Output (Max)16VCurrent - Output100mATolerance±0.25%Temperature Coefficient-Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature0°C ~ 70°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 TypeAdjustableVoltage - Output (Min/Fixed)1.24VVoltage - Output (Max)16VCurrent - Output100mATolerance±0.25%Temperature Coefficient-Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3 | Series | - |
| Voltage - Output (Min/Fixed) 1.24V Voltage - Output (Max) 16V Current - Output 100mA Tolerance ±0.25% Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 100μA Operating Temperature 0°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3 | Reference Type | Shunt |
| Voltage - Output (Max)16VCurrent - Output100mATolerance±0.25%Temperature Coefficient-Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3 | Output Type | Adjustable |
| Current - Output $100 mA$ Tolerance $\pm 0.25\%$ Temperature Coefficient-Noise - $0.1 Hz$ to $10 Hz$ -Noise - $10 Hz$ to $10 kHz$ -Voltage - Input-Current - Supply-Current - Cathode $100 \mu A$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ (TA)Mounting TypeSurface MountPackage / Case $TO-236-3$, SC-59, SOT-23-3Supplier Device PackageSOT-23-3 | Voltage - Output (Min/Fixed) | 1.24V |
| Tolerance ±0.25% Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 100µA Operating Temperature 0°C ~ 70°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package | Voltage - Output (Max) | 16V |
| Temperature Coefficient Noise - 0.1Hz to 10Hz Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode Operating Temperature Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package | Current - Output | 100mA |
| Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3 | Tolerance | ±0.25% |
| Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3 | Temperature Coefficient | - |
| Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3 | Noise - 0.1Hz to 10Hz | - |
| Current - Supply-Current - Cathode $100\mu A$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3 | Noise - 10Hz to 10kHz | - |
| Current - Cathode $100\mu A$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3 | Voltage - Input | - |
| Operating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3 | Current - Supply | - |
| Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3 | Current - Cathode | 100μΑ |
| Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3 | Operating Temperature | $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$ |
| 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? |

SC431LCSK-.25TR 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.

SC431LCSK-.25TR Payment Methods



















SC431LCSK-.25TR Shipping Methods













If you have any question about SC431LCSK-.25TR, please do not hesitate to contact us!

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