



MAX6037AAUK21+T Information



For Reference Only

Part Number MAX6037AAUK21+T

Manufacturer Maxim Integrated

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

Description IC VREF SERIES 2.048V SOT23-5

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

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



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MAX6037AAUK21+T Specifications

| Manufacturer Part Number MAX6037AAUK21+T Manufacturer Maxim Integrated Category Integrated Circuits (ICs) PACKAGE SC-74A, SOT-753 Series - Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 2.048V Voltage - Output (Max) - Current - Output 5mA Tolerance ±0.2% Temperature Coefficient 25ppm/°C Noise - 0.1Hz to 10Hz 11μVp-p Noise - 10Hz to 10kHz 25μVrms Voltage - Input 2.5 V ~ 5.5 V Current - Supply 275μA Current - Cathode - Operating Temperature 40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5 Report errors? | | |
|---|------------------------------|---------------------------|
| Category Integrated Circuits (ICs) PMIC - Voltage Reference Package SC-74A, SOT-753 Series - Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 2.048V Voltage - Output (Max) - Current - Output 5mA Tolerance ±0.2% Temperature Coefficient 25ppm/°C Noise - 0.1Hz to 10Hz 11µVp-p Noise - 10Hz to 10kHz 25µVrms Voltage - Input 2.5 V ~ 5.5 V Current - Supply 275µA Current - Cathode - Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5 | Manufacturer Part Number | MAX6037AAUK21+T |
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| Output TypeFixedVoltage - Output (Min/Fixed) $2.048V$ Voltage - Output (Max)-Current - Output $5mA$ Tolerance $\pm 0.2\%$ Temperature Coefficient $25ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $11\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $25\mu Vrms$ Voltage - Input $2.5 V \sim 5.5 V$ Current - Supply $275\mu A$ Current - Cathode-Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)Mounting TypeSurface MountPackage / Case $SC-74A$, $SOT-753$ Supplier Device Package $SOT-23-5$ | Series | - |
| Voltage - Output (Min/Fixed)2.048VVoltage - Output (Max)-Current - Output5mATolerance±0.2%Temperature Coefficient25ppm/°CNoise - 0.1Hz to 10Hz11μVp-pNoise - 10Hz to 10kHz25μVrmsVoltage - Input2.5 V ~ 5.5 VCurrent - Supply275μACurrent - Cathode-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5 | Reference Type | Series |
| Voltage - Output (Max) Current - Output $5mA$ Tolerance $\pm 0.2\%$ Temperature Coefficient $25ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $11\mu Vp-p$ Noise - $10Hz$ to $10KHz$ $25\mu Vrms$ Voltage - Input $2.5 V \sim 5.5 V$ Current - Supply $275\mu A$ Current - Cathode Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA) Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package | Output Type | Fixed |
| Current - Output $5mA$ Tolerance $\pm 0.2\%$ Temperature Coefficient $25ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $11\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $25\mu Vrms$ Voltage - Input $2.5 V \sim 5.5 V$ Current - Supply $275\mu A$ Current - Cathode-Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5 | Voltage - Output (Min/Fixed) | 2.048V |
| Tolerance $\pm 0.2\%$ Temperature Coefficient $25ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $11\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $25\mu Vrms$ Voltage - Input $2.5 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $275\mu A$ Current - Cathode - Querting Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA) Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package | Voltage - Output (Max) | - |
| Temperature Coefficient $25ppm/^{\circ}C$ Noise - 0.1Hz to 10Hz $11\mu Vp-p$ Noise - 10Hz to 10kHz $25\mu Vrms$ Voltage - Input $2.5 V \sim 5.5 V$ Current - Supply $275\mu A$ Current - Cathode-Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5 | Current - Output | 5mA |
| Noise - 0.1Hz to 10Hz $11\mu Vp-p$ Noise - 10Hz to 10kHz $25\mu Vrms$ $Voltage - Input$ $2.5 \ V \sim 5.5 \ V$ $Current - Supply$ $275\mu A$ $Current - Cathode - Operating Temperature -40^{\circ}C \sim 125^{\circ}C \ (TA) Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5$ | Tolerance | ±0.2% |
| Noise - 10Hz to 10kHz | Temperature Coefficient | 25ppm/°C |
| Voltage - Input $2.5 \text{ V} \sim 5.5 \text{ V}$ $\text{Current - Supply} \qquad 275 \mu \text{A}$ $\text{Current - Cathode} \qquad -$ $\text{Operating Temperature} \qquad -40^{\circ}\text{C} \sim 125^{\circ}\text{C (TA)}$ $\text{Mounting Type} \qquad \text{Surface Mount}$ $\text{Package / Case} \qquad \text{SC-74A, SOT-753}$ $\text{Supplier Device Package} \qquad \text{SOT-23-5}$ | Noise - 0.1Hz to 10Hz | 11μVp-p |
| Current - Supply275μACurrent - Cathode-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5 | Noise - 10Hz to 10kHz | $25\mu Vrms$ |
| Current - Cathode Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5 | Voltage - Input | 2.5 V ~ 5.5 V |
| Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5 | Current - Supply | 275μΑ |
| Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5 | Current - Cathode | - |
| Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5 | Operating Temperature | -40°C ~ 125°C (TA) |
| Supplier Device Package SOT-23-5 | Mounting Type | Surface Mount |
| | Package / Case | SC-74A, SOT-753 |
| Report errors? | Supplier Device Package | SOT-23-5 |
| | | Report errors? |

MAX6037AAUK21+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.

MAX6037AAUK21+T Payment Methods



















MAX6037AAUK21+T Shipping Methods













If you have any question about MAX6037AAUK21+T, please do not hesitate to contact us!

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