

MAX6037BAUK21+T

MAX6037BAUK21+T Information



For Reference Only

Part Number MAX6037BAUK21+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



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.









MAX6037BAUK21+T Specifications

Manufacturer Part Number MAX6037BAUK21+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 ±0.3% Temperature Coefficient 50ppm/°C Noise - 0.1Hz to 10Hz 11μVp-p Noise - 10Hz to 10Htz 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		
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 ±0.3% Temperature Coefficient 50ppm/°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	MAX6037BAUK21+T
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 ±0.3% Temperature Coefficient 50ppm/°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	Maxim Integrated
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 ±0.3% Temperature Coefficient 50ppm/°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	Category	Integrated Circuits (ICs)
Series - Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 2.048V Voltage - Output (Max) - Current - Output 5mA Tolerance ±0.3% Temperature Coefficient 50ppm/°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		PMIC - Voltage Reference
Reference TypeSeriesOutput TypeFixedVoltage - Output (Min/Fixed)2.048VVoltage - Output (Max)-Current - Output5mATolerance±0.3%Temperature Coefficient50ppm/°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	Package	SC-74A, SOT-753
Output TypeFixedVoltage - Output (Min/Fixed)2.048VVoltage - Output (Max)-Current - Output5mATolerance±0.3%Temperature Coefficient50ppm/°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	Series	-
Voltage - Output (Min/Fixed) Voltage - Output (Max) Current - Output 5mA Tolerance ±0.3% Temperature Coefficient 50ppm/°C Noise - 0.1Hz to 10Hz 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	Reference Type	Series
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Output Type	Fixed
Current - Output $5mA$ Tolerance $\pm 0.3\%$ Temperature Coefficient $50pm/^{\circ}C$ 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 - $40^{\circ}C \sim 125^{\circ}C$ (TA) Mounting Type Surface Mount Package / Case $SC-74A$, $SOT-753$ Supplier Device Package	Voltage - Output (Min/Fixed)	2.048V
Tolerance $\pm 0.3\%$ Temperature Coefficient $50ppm/^{\circ}C$ 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	Voltage - Output (Max)	-
Temperature Coefficient $50ppm/^{\circ}C$ 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 - $275\mu A$ Operating Temperature $275\mu A$ Mounting Type Surface Mount $275\mu A$ Supplier Device Package $275\mu A$ SOT-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 $	Tolerance	±0.3%
Noise - 10Hz to 10kHz	Temperature Coefficient	50ppm/°C
Voltage - Input $2.5 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $275\mu\text{A}$ Current - Cathode-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-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	25μVrms
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?

MAX6037BAUK21+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.

MAX6037BAUK21+T Payment Methods









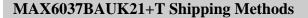
























If you have any question about MAX6037BAUK21+T, please do not hesitate to contact us!

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