



#### MAX6037BAUK33+T Information



For Reference Only

Part Number MAX6037BAUK33+T

Manufacturer Maxim Integrated

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description** IC VREF SERIES 3.3V 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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# **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.









## MAX6037BAUK33+T Specifications

Manufacturer Part Number         MAX6037BAUK33+T           Manufacturer         Maxim Integrated           Category         Integrated Circuits (ICs)           PAIC - Voltage Reference           Package         SC-74A, SOT-753           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         3,3V           Voltage - Output (Max)         -           Current - Output         5mA           Tolerance         ±0.3%           Temperature Coefficient         50ppm/°C           Noise - 0.1Hz to 10Hz         19μVp-p           Noise - 10Hz to 10kHz         45μVrms           Voltage - Input         3.5 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		
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Voltage - Output (Max)       -         Current - Output       5mA         Tolerance       ±0.3%         Temperature Coefficient       50ppm/°C         Noise - 0.1Hz to 10Hz       19μVp-p         Noise - 10Hz to 10kHz       45μVrms         Voltage - Input       3.5 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	Output Type	Fixed
Current - Output $5mA$ Tolerance $\pm 0.3\%$ Temperature Coefficient $50pm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $19\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $45\mu Vrms$ Voltage - Input $3.5 V \sim 5.5 V$ 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)	3.3V
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Temperature Coefficient $50ppm/^{\circ}C$ Noise - 0.1Hz to 10Hz $19μVp-p$ Noise - 10Hz to 10kHz $45μVrms$ Voltage - Input $3.5 V \sim 5.5 V$ Current - Supply $275μA$ 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 $19\mu Vp-p$ Noise - 10Hz to 10kHz $45\mu Vrms$ $3.5 V \sim 5.5 V$ 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	Tolerance	±0.3%
Noise - 10Hz to 10kHz 45 $\mu$ Vrms 3.5 V ~ 5.5 V Current - Supply 275 $\mu$ A Current - Cathode - Questing Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Temperature Coefficient	50ppm/°C
Voltage - Input $3.5 \text{ V} \sim 5.5 \text{ V}$ 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	19μVp-p
Current - Supply  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	Noise - 10Hz to 10kHz	$45\mu Vrms$
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	3.5 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 TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-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?

#### MAX6037BAUK33+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.

### MAX6037BAUK33+T Payment Methods



















### MAX6037BAUK33+T Shipping Methods













If you have any question about MAX6037BAUK33+T, please do not hesitate to contact us!

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