



### LM4040B25FTA Information



For Reference Only

Part Number LM4040B25FTA

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

Description IC VREF SHUNT 2.5V SOT23

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



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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.









# **LM4040B25FTA Specifications**

Manufacturer Part Number         LM4040B25FTA           Manufacturer         Diodes Incorporated           Category         Integrated Circuits (ICs)           PACKAGE         TO-236-3, SC-59, SOT-23-3           Series         -           Reference Type         Shunt           Output Type         Fixed           Voltage - Output (Min/Fixed)         2.5V           Voltage - Output (Max)         -           Current - Output         15mA           Tolerance         ±0.2%           Temperature Coefficient         100ppm/°C           Noise - 0.1Hz to 10Hz         35μVrms           Noise - 10Hz to 10kHz         35μVrms           Voltage - Input         -           Current - Supply         -           Current - Cathode         68μA           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23		
Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         TO-236-3, SC-59, SOT-23-3           Series         -           Reference Type         Shunt           Output Type         Fixed           Voltage - Output (Min/Fixed)         2.5 V           Voltage - Output (Max)         -           Current - Output         15mA           Tolerance         ±0.2%           Temperature Coefficient         100ppm/°C           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         35μVrms           Voltage - Input         -           Current - Supply         -           Current - Cathode         68μA           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23	Manufacturer Part Number	LM4040B25FTA
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Output TypeFixedVoltage - Output (Min/Fixed) $2.5V$ Voltage - Output (Max)-Current - Output $15mA$ Tolerance $\pm 0.2\%$ Temperature Coefficient $100ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ -Noise - $10Hz$ to $10kHz$ $35\mu Vrms$ Voltage - Input-Current - Supply-Current - Cathode $68\mu A$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Series	-
Voltage - Output (Min/Fixed)         2.5V           Voltage - Output (Max)         -           Current - Output         15mA           Tolerance         ±0.2%           Temperature Coefficient         100ppm/°C           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         35μVrms           Voltage - Input         -           Current - Supply         -           Current - Cathode         68μA           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23	Reference Type	Shunt
Voltage - Output (Max)-Current - Output15mATolerance±0.2%Temperature Coefficient100ppm/°CNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz35μVrmsVoltage - Input-Current - Supply-Current - Cathode68μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Output Type	Fixed
Current - Output $15 mA$ Tolerance $\pm 0.2\%$ Temperature Coefficient $100 ppm/^{\circ}C$ Noise - $0.1 Hz$ to $10 Hz$ -Noise - $10 Hz$ to $10 kHz$ $35 \mu V rms$ Voltage - Input-Current - Supply-Current - Cathode $68 \mu A$ Operating Temperature $-40 ^{\circ}C \sim 125 ^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Voltage - Output (Min/Fixed)	2.5V
Tolerance ±0.2% Temperature Coefficient 100ppm/°C  Noise - 0.1Hz to 10Hz -  Noise - 10Hz to 10kHz 35μVrms  Voltage - Input -  Current - Supply -  Current - Cathode 68μA  Operating Temperature -40°C ~ 125°C (TA)  Mounting Type Surface Mount  Package / Case TO-236-3, SC-59, SOT-23-3  Supplier Device Package SOT-23	Voltage - Output (Max)	-
Temperature Coefficient100ppm/°CNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz35μVrmsVoltage - Input-Current - Supply-Current - Cathode68μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Current - Output	15mA
Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz $35\mu Vrms$ Voltage - Input-Current - Supply-Current - Cathode $68\mu A$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Tolerance	±0.2%
Noise - 10Hz to 10kHz35μVrmsVoltage - Input-Current - Supply-Current - Cathode68μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Temperature Coefficient	100ppm/°C
Voltage - Input-Current - Supply-Current - Cathode $68μA$ Operating Temperature $-40°C ~ 125°C (TA)$ Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Noise - 0.1Hz to 10Hz	-
Current - Supply-Current - Cathode $68\mu A$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Noise - 10Hz to 10kHz	35μVrms
Current - Cathode $68\mu A$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)  Mounting Type Surface Mount  Package / Case TO-236-3, SC-59, SOT-23-3  Supplier Device Package SOT-23	Voltage - Input	-
Operating Temperature  -40°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  TO-236-3, SC-59, SOT-23-3  Supplier Device Package  SOT-23	Current - Supply	-
Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Current - Cathode	68μΑ
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package SOT-23	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	SOT-23
		Report errors?

#### LM4040B25FTA 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.

### **LM4040B25FTA Payment Methods**





















### LM4040B25FTA Shipping Methods













If you have any question about LM4040B25FTA, please do not hesitate to contact us!

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