



## **MAX1793EUE25+ Information**



For Reference Only

Part Number MAX1793EUE25+
Manufacturer Maxim Integrated
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR POS ADJ 1A 16TSSOP

Package 16-TSSOP (0.173", 4.40mm Width) Exposed Pad

For the pricing/inventory/lead time, please contact

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.









# **MAX1793EUE25+ Specifications**

Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         16-TSSOP (0.173", 4.40mm Width) Exposed Pad           Series         -           Output Configuration         Positive           Output Type         Adjustable (Fixed)           Number of Regulators         1           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         1.25V (2.5V)           Voltage - Output (Max)         5V           Voltage Dropout (Max)         0.45V @ 1A           Current - Output         1A           Current - Quiescent (Iq)         -           Current - Supply (Max)         200μA           PSRR         -           Control Features         Enable, Reset           Protection Features         Over Current, Over Temperature, Short Circuit           Operating Temperature         40°C ~ 85°C           Mounting Type         Surface Mount			
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         16-TSSOP (0.173", 4.40mm Width) Exposed Pad           Series         -           Output Configuration         Positive           Output Type         Adjustable (Fixed)           Number of Regulators         1           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         1.25V (2.5V)           Voltage - Output (Max)         5V           Voltage Dropout (Max)         0.45V @ 1A           Current - Output         1A           Current - Quiescent (Iq)         -           Current - Supply (Max)         200μA           PSRR         -           Control Features         Enable, Reset           Protection Features         Over Current, Over Temperature, Short Circuit           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         16-TSSOP (0.173", 4.40mm Width) Exposed Pad           Supplier Device Package         16-TSSOP-EP	Manufacturer Part Number	MAX1793EUE25+	
PMIC - Voltage Regulators - Linear           Package         16-TSSOP (0.173", 4.40mm Width) Exposed Pad           Series         -           Output Configuration         Positive           Output Type         Adjustable (Fixed)           Number of Regulators         1           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         1.25V (2.5V)           Voltage - Output (Max)         5V           Voltage Dropout (Max)         0.45V @ 1A           Current - Output         1A           Current - Quiescent (Iq)         -           Current - Supply (Max)         200μA           PSRR         -           Control Features         Enable, Reset           Protection Features         Over Current, Over Temperature, Short Circuit           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         16-TSSOP (0.173", 4.40mm Width) Exposed Pad           Supplier Device Package         16-TSSOP-EP	Manufacturer	Maxim Integrated	
Package16-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeAdjustable (Fixed)Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.25V (2.5V)Voltage - Output (Max)5VVoltage Dropout (Max)0.45V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)200μAPSRR-Control FeaturesEnable, ResetProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-TSSOP-EP	Category	Integrated Circuits (ICs)	
Series         -           Output Configuration         Positive           Output Type         Adjustable (Fixed)           Number of Regulators         1           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         1.25V (2.5V)           Voltage - Output (Max)         5V           Voltage Dropout (Max)         0.45V @ 1A           Current - Output         1A           Current - Quiescent (Iq)         -           Current - Supply (Max)         200μA           PSRR         -           Control Features         Enable, Reset           Protection Features         Over Current, Over Temperature, Short Circuit           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         16-TSSOP (0.173", 4.40mm Width) Exposed Pad           Supplier Device Package         16-TSSOP-EP		PMIC - Voltage Regulators - Linear	
Output Configuration Output Type Adjustable (Fixed) Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.25V (2.5V) Voltage - Output (Max) 5V Voltage - Output (Max) 5V Voltage Dropout (Max) 0.45V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 200µA PSRR - Control Features Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-TSSOP-EP	Package	16-TSSOP (0.173", 4.40mm Width) Exposed Pad	
Output TypeAdjustable (Fixed)Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.25V (2.5V)Voltage - Output (Max)5VVoltage Dropout (Max)0.45V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)200μAPSRR-Control FeaturesEnable, ResetProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-TSSOP-EP	Series	-	
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.25V (2.5V)Voltage - Output (Max)5VVoltage Dropout (Max)0.45V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)200μAPSRR-Control FeaturesEnable, ResetProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-TSSOP-EP	Output Configuration	Positive	
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  1.25V (2.5V)  Voltage - Output (Max)  5V  Voltage Dropout (Max)  0.45V @ 1A  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  16-TSSOP (0.173", 4.40mm Width) Exposed Pad  Supplier Device Package	Output Type	Adjustable (Fixed)	
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Voltage Dropout (Max)  0.45V @ 1A  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Control Features  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  16-TSSOP (0.173", 4.40mm Width) Exposed Pad  Supplier Device Package	Number of Regulators	1	
Voltage - Output (Max)  Voltage Dropout (Max)  0.45V @ 1A  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Enable, Reset  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  16-TSSOP (0.173", 4.40mm Width) Exposed Pad  Supplier Device Package	Voltage - Input (Max)	5.5V	
Voltage Dropout (Max)  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  16-TSSOP (0.173", 4.40mm Width) Exposed Pad  Supplier Device Package	Voltage - Output (Min/Fixed)	1.25V (2.5V)	
Current - Output  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  Mounting Type  Surface Mount  Package / Case  16-TSSOP (0.173", 4.40mm Width) Exposed Pad  Supplier Device Package	Voltage - Output (Max)	5V	
Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  Enable, Reset  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  16-TSSOP (0.173", 4.40mm Width) Exposed Pad  Supplier Device Package	Voltage Dropout (Max)	0.45V @ 1A	
Current - Supply (Max)  PSRR  - Control Features  Enable, Reset  Over Current, Over Temperature, Short Circuit  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  16-TSSOP (0.173", 4.40mm Width) Exposed Pad  Supplier Device Package	Current - Output	1A	
PSRR  Control Features  Enable, Reset  Over Current, Over Temperature, Short Circuit  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  16-TSSOP (0.173", 4.40mm Width) Exposed Pad  Supplier Device Package  16-TSSOP-EP	Current - Quiescent (Iq)	-	
Control Features  Enable, Reset  Over Current, Over Temperature, Short Circuit  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  16-TSSOP (0.173", 4.40mm Width) Exposed Pad  Supplier Device Package	Current - Supply (Max)	200μΑ	
Protection Features Over Current, Over Temperature, Short Circuit -40°C ~ 85°C  Mounting Type Surface Mount Package / Case 16-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 16-TSSOP-EP	PSRR	-	
Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 16-TSSOP (0.173", 4.40mm Width) Exposed Pad  Supplier Device Package 16-TSSOP-EP	Control Features	Enable, Reset	
Mounting Type Surface Mount  Package / Case 16-TSSOP (0.173", 4.40mm Width) Exposed Pad  Supplier Device Package 16-TSSOP-EP	Protection Features	Over Current, Over Temperature, Short Circuit	
Package / Case 16-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 16-TSSOP-EP	Operating Temperature	-40°C ~ 85°C	
Supplier Device Package 16-TSSOP-EP	Mounting Type	Surface Mount	
	Package / Case	16-TSSOP (0.173", 4.40mm Width) Exposed Pad	
Report errors?	Supplier Device Package	16-TSSOP-EP	
			Report errors?

### MAX1793EUE25+ 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.

### MAX1793EUE25+ Payment Methods



















## MAX1793EUE25+ Shipping Methods













If you have any question about MAX1793EUE25+, please do not hesitate to contact us!

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