

# LT3015EMSE-3#PBF

### LT3015EMSE-3#PBF Information



For Reference Only

Part Number LT3015EMSE-3#PBF
Manufacturer Linear Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR -3V 1.5A 12MSOP

Package 12-TSSOP (0.118", 3.00mm Width) Exposed Pad

For the pricing/inventory/lead time, please contact

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.









# LT3015EMSE-3#PBF Specifications

Manufacturer Part NumberLT3015EMSE-3#PBFManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)Package12-TSSOP (0.118", 3.00mm Width) Exposed PadSeries-Output ConfigurationNegativeOutput TypeFixedNumber of Regulators1Voltage - Input (Max)-30VVoltage - Output (Min/Fixed)-3VVoltage - Output (Max)-5VVoltage Dropout (Max)0.5V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)2.4mA ~ 70mAPSRR62dB (120Hz)Control FeaturesEnable
Category  Integrated Circuits (ICs)  PMIC - Voltage Regulators - Linear  Package  12-TSSOP (0.118", 3.00mm Width) Exposed Pad  Series  - Output Configuration  Negative  Output Type  Fixed  Number of Regulators  1  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Voltage Dropout (Max)  Current - Output  1.5A  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  62dB (120Hz)
PMIC - Voltage Regulators - Linear  Package 12-TSSOP (0.118", 3.00mm Width) Exposed Pad  Series - Output Configuration Negative Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) -30V  Voltage - Output (Min/Fixed) -3V  Voltage - Output (Max) -  Voltage Dropout (Max) 0.5V @ 1.5A  Current - Output (Iq) -  Current - Quiescent (Iq) -  Current - Supply (Max) 2.4mA ~ 70mA  PSRR 62dB (120Hz)
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Series - Output Configuration Negative Output Type Fixed Number of Regulators 1 Voltage - Input (Max) -30V Voltage - Output (Min/Fixed) -3V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 2.4mA ~ 70mA PSRR 62dB (120Hz)
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Number of Regulators  1 Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  1.5A  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  62dB (120Hz)
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  1.5A  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  -30V  -30V
Voltage - Output (Min/Fixed)       -3V         Voltage - Output (Max)       -         Voltage Dropout (Max)       0.5V @ 1.5A         Current - Output       1.5A         Current - Quiescent (Iq)       -         Current - Supply (Max)       2.4mA ~ 70mA         PSRR       62dB (120Hz)
Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  1.5A  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  62dB (120Hz)
Voltage Dropout (Max)  0.5V @ 1.5A  Current - Output  1.5A  Current - Quiescent (Iq)
Current - Output       1.5A         Current - Quiescent (Iq)       -         Current - Supply (Max)       2.4mA ~ 70mA         PSRR       62dB (120Hz)
Current - Quiescent (Iq)  Current - Supply (Max)  2.4mA ~ 70mA  PSRR  62dB (120Hz)
Current - Supply (Max) 2.4mA ~ 70mA PSRR 62dB (120Hz)
PSRR 62dB (120Hz)
Control Features Enable
Protection Features Over Current, Over Temperature, Reverse Polarity
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$
Mounting Type Surface Mount
Package / Case 12-TSSOP (0.118", 3.00mm Width) Exposed Pad
Supplier Device Package 12-MSOP-EP
Report errors?

#### LT3015EMSE-3#PBF 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.

### LT3015EMSE-3#PBF Payment Methods



















## LT3015EMSE-3#PBF Shipping Methods













If you have any question about LT3015EMSE-3#PBF, please do not hesitate to contact us!

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