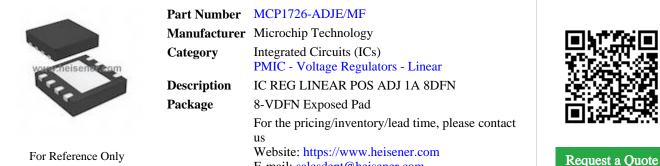


# MCP1726-ADJE/MF

# **MCP1726-ADJE/MF Information**



E-mail: salesdept@heisener.com

For Reference Only

# **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.



# MCP1726-ADJE/MF Specifications

Manufacturer Part NumberMCP1726-ADJE/MFManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage8-VDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)5VVoltage Dropout (Max)0.5V @ 1ACurrent - Output1.Current - Supply (Max)220µAPSRR54dB (100Hz)Protection FeaturesGover Temperature, Short Circuit, Under Voltage Lockout (UVLO)
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage8-VDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)5VVoltage Dropout (Max)0.5V @ 1ACurrent - Output1Current - Quiescent (Iq)-Current - Supply (Max)220µAPSRR54dB (100Hz)Control FeaturesEnable, Power Good
PMIC - Voltage Regulators - LinearPackage8-VDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)5VVoltage Dropout (Max)0.5V @ 1ACurrent - Output1ACurrent - Supply (Max)220µAPSRR54dB (100Hz)Control FeaturesEnable, Power Good
Package8-VDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)5VVoltage Dropout (Max)0.5V @ 1ACurrent - Output1ACurrent - Supply (Max)220µAPSRR54dB (100Hz)Control FeaturesEnable, Power Good
Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)5VVoltage Dropout (Max)0.5V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)220µAPSRR54dB (100Hz)Control FeaturesEnable, Power Good
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)5VVoltage Dropout (Max)0.5V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-QupA20µAPSRR54B (100Hz)Control FeaturesEnable, Power Good
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)5VVoltage Dropout (Max)0.5V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)220µAPSRR54dB (100Hz)Control FeaturesEnable, Power Good
Number of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)5VVoltage Dropout (Max)0.5V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)220µAPSRR54dB (100Hz)Control FeaturesEnable, Power Good
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Voltage - Output (Max)5VVoltage Dropout (Max)0.5V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)220µAPSRR54dB (100Hz)Control FeaturesEnable, Power Good
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Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)220µAPSRR54dB (100Hz)Control FeaturesEnable, Power Good
Current - Quiescent (Iq)-Current - Supply (Max)220μAPSRR54dB (100Hz)Control FeaturesEnable, Power Good
Current - Supply (Max)220μAPSRR54dB (100Hz)Control FeaturesEnable, Power Good
PSRR 54dB (100Hz)   Control Features Enable, Power Good
Control Features Enable, Power Good
Protection Features Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$
Mounting Type Surface Mount
Package / Case 8-VDFN Exposed Pad
Supplier Device Package8-DFN-EP (3x3)
Report errors?

### MCP1726-ADJE/MF 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

DISCOVER

## MCP1726-ADJE/MF Payment Methods



# MCP1726-ADJE/MF Shipping Methods



If you have any question about MCP1726-ADJE/MF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com