



MP2016DJ-LF-P Information



For Reference Only

Part Number MP2016DJ-LF-P

Manufacturer Monolithic Power Systems Inc.

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN POS ADJ 30MA TSOT23-5

Package SOT-23-5 Thin, TSOT-23-5

For the pricing/inventory/lead time, please contact

us

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.









MP2016DJ-LF-P Specifications

Manufacturer Part Number MP2016DJ-LF-P Manufacturer Monolithic Power Systems Inc. Category Integrated Circuits (ICs) Package SOT-23-5 Thin, TSOT-23-5 Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 40V Voltage Dropout (Max) 0.9V @ 30mA Current - Output 30mA Current - Supply (Max) 30μA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 4.0° C ~ 85° C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package TSOT-23-5	•	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package SOT-23-5 Thin, TSOT-23-5 Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 40V Voltage Dropout (Max) 0.9V @ 30mA Current - Output 30mA Current - Quiescent (Iq) - Current - Supply (Max) 30μA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package TSOT-23-5	Manufacturer Part Number	MP2016DJ-LF-P
Package SOT-23-5 Thin, TSOT-23-5 Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 40V Voltage Dropout (Max) 0.9V @ 30mA Current - Output 30mA Current - Quiescent (Iq) - Current - Supply (Max) 30μA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package TSOT-23-5	Manufacturer	Monolithic Power Systems Inc.
Package SOT-23-5 Thin, TSOT-23-5 Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 40V Voltage Dropout (Max) 0.9V @ 30mA Current - Output 30mA Current - Quiescent (Iq) - Current - Supply (Max) 30μA PSRR - Control Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package TSOT-23-5	Category	Integrated Circuits (ICs)
Series - Coutput Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 40V Voltage - Output (Max) 0.9V @ 30mA Current - Output (Max) 30mA Current - Quiescent (Iq) - Current - Supply (Max) 30µA PSRR - Control Features Device Package Over Current, Over Temperature, Short Circuit Operating Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package TIME AVEV Adjustable Adju		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)42VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)40VVoltage Dropout (Max)0.9V @ 30mACurrent - Output30mACurrent - Quiescent (Iq)-Current - Supply (Max)30µAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device PackageTSOT-23-5	Package	SOT-23-5 Thin, TSOT-23-5
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)42VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)40VVoltage Dropout (Max)0.9V @ 30mACurrent - Output30mACurrent - Quiescent (Iq)-Current - Supply (Max)30μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device PackageTSOT-23-5	Series	-
Number of Regulators1Voltage - Input (Max)42VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)40VVoltage Dropout (Max)0.9V @ 30mACurrent - Output30mACurrent - Quiescent (Iq)-Current - Supply (Max)30μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device PackageTSOT-23-5	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) Voltage Dropout (Max) Voltage Dropout (Max) 0.9V @ 30mA Current - Output 30mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package	Output Type	Adjustable
Voltage - Output (Min/Fixed) Voltage - Output (Max) 40V Voltage Dropout (Max) 0.9V @ 30mA Current - Output 30mA 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 SOT-23-5 Thin, TSOT-23-5 Supplier Device Package	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 0.9V @ 30mA Current - Output 30mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package TSOT-23-5	Voltage - Input (Max)	42V
Voltage Dropout (Max)0.9V @ 30mACurrent - Output30mACurrent - Quiescent (Iq)-Current - Supply (Max)30μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device PackageTSOT-23-5	Voltage - Output (Min/Fixed)	1.2V
Current - Output 30mA 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 SOT-23-5 Thin, TSOT-23-5 Supplier Device Package	Voltage - Output (Max)	40V
Current - Quiescent (Iq)-Current - Supply (Max)30μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device PackageTSOT-23-5	Voltage Dropout (Max)	0.9V @ 30mA
Current - Supply (Max)30μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device PackageTSOT-23-5	Current - Output	30mA
PSRR Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature, Short Circuit -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package	Current - Supply (Max)	30μΑ
Protection Features Over Current, Over Temperature, Short Circuit -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package TSOT-23-5	PSRR	-
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package TSOT-23-5	Control Features	Enable
Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package TSOT-23-5	Protection Features	Over Current, Over Temperature, Short Circuit
Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package TSOT-23-5	Operating Temperature	-40°C ~ 85°C
Supplier Device Package TSOT-23-5	Mounting Type	Surface Mount
	Package / Case	SOT-23-5 Thin, TSOT-23-5
Report errors?	Supplier Device Package	TSOT-23-5
		Report errors?

MP2016DJ-LF-P 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.

MP2016DJ-LF-P Payment Methods





















MP2016DJ-LF-P Shipping Methods













If you have any question about MP2016DJ-LF-P, please do not hesitate to contact us!

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