



LM27342MY/NOPB Information



For Reference Only

Part Number LM27342MY/NOPB
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Regulators

Description IC REG BUCK ADJ 2A 10-MSOP

Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)

Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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LM27342MY/NOPB Specifications

Manufacturer Part Number LM27342MY/NOPB Manufacturer Texas Instruments Category Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Series - Function Step-Down Output Configuration Positive Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 3V Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) 18V Current - Output 2A Frequency - Switching 2MHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 10-MSOP-PowerPad		
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Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)3VVoltage - Input (Max)20VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)18VCurrent - Output2AFrequency - Switching2MHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad		PMIC - Voltage Regulators - DC DC Switching Regulators
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Output Configuration Positive Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 3V Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) 18V Current - Output (Max) 2A Frequency - Switching 2MHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 10-MSOP-PowerPad	Series	-
TopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)3VVoltage - Input (Max)20VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)18VCurrent - Output2AFrequency - Switching2MHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Function	Step-Down
Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 3V Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) 18V Current - Output (Max) 2A Frequency - Switching 2MHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 10-MSOP-PowerPad	Output Configuration	Positive
Number of Outputs Voltage - Input (Min) 3V Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) 18V Current - Output 2A Frequency - Switching 2MHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 10-MSOP-PowerPad	Topology	Buck
Voltage - Input (Min) Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) 18V Current - Output 2A Frequency - Switching 2MHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 10-MSOP-PowerPad	Output Type	Adjustable
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) 18V Current - Output 2A Frequency - Switching Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package	Number of Outputs	1
Voltage - Output (Min/Fixed) Voltage - Output (Max) 18V Current - Output 2A Frequency - Switching 2MHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package	Voltage - Input (Min)	3V
Voltage - Output (Max) Current - Output 2A Frequency - Switching Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package	Voltage - Input (Max)	20V
Current - Output 2A Frequency - Switching 2MHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 10-MSOP-PowerPad	Voltage - Output (Min/Fixed)	1V
Frequency - Switching 2MHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 10-MSOP-PowerPad	Voltage - Output (Max)	18V
Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 10-MSOP-PowerPad	Current - Output	2A
Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 10-MSOP-PowerPad	Frequency - Switching	2MHz
Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 10-MSOP-PowerPad	Synchronous Rectifier	No
Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 10-MSOP-PowerPad	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package 10-MSOP-PowerPad	Mounting Type	Surface Mount
	Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad
Donor and a suppose	Supplier Device Package	10-MSOP-PowerPad
Report errors?		Report errors?

LM27342MY/NOPB 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.

LM27342MY/NOPB Payment Methods



















LM27342MY/NOPB Shipping Methods













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