

# LM25011AQ1MYX/NOPB

## LM25011AQ1MYX/NOPB Information



Part Number LM25011AQ1MYX/NOPB

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Regulators

**Description** IC REG BUCK ADJ 2A 10MSOP

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



Request a Quote

# **Certified Quality**

For Reference Only

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.









## LM25011AQ1MYX/NOPB Specifications

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         Automotive, AEC-Q100           Function         Step-Down           Output Configuration         Positive           Topology         Buck           Output Type         Adjustable           Number of Outputs         1           Voltage - Input (Min)         6V           Voltage - Input (Max)         42V           Voltage - Output (Min/Fixed)         2.51V           Voltage - Output (Max)         40V           Current - Output         2A           Frequency - Switching         Up to 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		
Integrated Circuits (ICs)  PMIC - Voltage Regulators - DC DC Switching Regulators  Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad  Series Automotive, AEC-Q100  Step-Down  Output Configuration Positive  Topology Buck  Output Type Adjustable  Number of Outputs 1  Voltage - Input (Min) 6V  Voltage - Input (Max) 42V  Voltage - Output (Min/Fixed) 2.51V  Voltage - Output (Max) 40V  Current - Output (Max) 40V  Current - Output 2A  Frequency - Switching Up to 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	Manufacturer Part Number	LM25011AQ1MYX/NOPB
PMIC - Voltage Regulators - DC DC Switching Regulators Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Series Automotive, AEC-Q100 Function Step-Down Output Configuration Positive Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 6V Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) 2.51V Voltage - Output (Max) 40V Current - Output 2A Frequency - Switching Up to 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	Manufacturer	Texas Instruments
Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad  Series Automotive, AEC-Q100  Step-Down Output Configuration Positive  Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 6V Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) 2.51V Voltage - Output (Min/Fixed) 40V Current - Output (Max) 40V Current - Output 2A Frequency - Switching Up to 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	Category	Integrated Circuits (ICs)
Series Automotive, AEC-Q100  Function Step-Down  Output Configuration Positive  Topology Buck  Output Type Adjustable  Number of Outputs 1  Voltage - Input (Min) 6V  Voltage - Input (Max) 42V  Voltage - Output (Min/Fixed) 2.51V  Voltage - Output (Max) 40V  Current - Output 2A  Frequency - Switching Up to 2MHz  Synchronous Rectifier No  Operating Temperature -40°C ~ 125°C (TJ)  Mounting Type Surface Mount  Package / Case 10-MSOP-PowerPad		PMIC - Voltage Regulators - DC DC Switching Regulators
Function Step-Down Output Configuration Positive Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 6V Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) 2.51V Voltage - Output (Max) 40V Current - Output 2A Frequency - Switching Up to 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	Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad
Output Configuration Positive Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 6V Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) Voltage - Output (Max) 40V Current - Output 2A Frequency - Switching Up to 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	Series	Automotive, AEC-Q100
Topology Buck Output Type Adjustable Number of Outputs 1 Voltage - Input (Min) 6V Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) 40V Current - Output 2A Frequency - Switching Up to 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	Function	Step-Down
Output Type  Number of Outputs  1  Voltage - Input (Min)  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  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	Output Configuration	Positive
Number of Outputs  Voltage - Input (Min)  6V  Voltage - Input (Max)  42V  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  40V  Current - Output  2A  Frequency - Switching  Up to 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)  42V  Voltage - Output (Min/Fixed)  2.51V  Voltage - Output (Max)  40V  Current - Output  2A  Frequency - Switching  Up to 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)  2.51V  Voltage - Output (Max)  40V  Current - Output  2A  Frequency - Switching  Up to 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	Number of Outputs	1
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Current - Output  2A  Frequency - Switching  Up to 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)	6V
Voltage - Output (Max)  Current - Output  2A  Frequency - Switching  Up to 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 - Input (Max)	42V
Current - Output  2A  Frequency - Switching  Up to 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)	2.51V
Frequency - Switching  Up to 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)	40V
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	Up to 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
Report errors?	Supplier Device Package	10-MSOP-PowerPad
1		Report errors?

### LM25011AQ1MYX/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.

### LM25011AQ1MYX/NOPB Payment Methods



















### LM25011AQ1MYX/NOPB Shipping Methods













If you have any question about LM25011AQ1MYX/NOPB, please do not hesitate to contact us!

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