

L4962/A

L4962/A Information



For Reference Only

Part NumberL4962/AManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)
PMIC - Voltage Regulators - DC DC Switching
RegulatorsDescriptionIC REG BUCK ADJ 1.5A 16DIPPackage16-DIP (0.300", 7.62mm)
For the pricing/inventory/lead time, please contact
us
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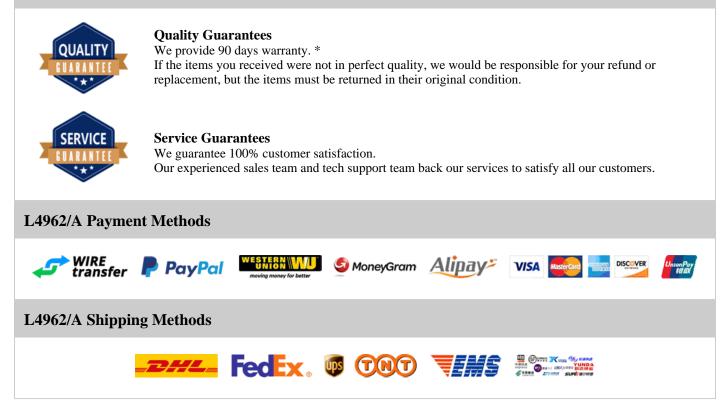
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L4962/A Specifications

Manufacturer Part Number L4962/A Manufacturer STMicroelectronics Category Inegrated Circuits (ICs) Package IoED Voltage Regulators - DC DC Switching Regulators Package IoED Voltage Regulators - DC DC Switching Regulators Series - Function Step-Down Output Configuration Beck Output Type Buck Output Type Adjustable Voltage - Input (Min) 9V Voltage - Output (Min/Fixed) Stor Voltage - Output (Min/Fixed) No Current - Output IoA Synchronous Rectifier No Operating Temperature A0°C ~ IoS°C (TJ) Moutting Type Honey Hole Parcey Case Io-PowerDIP	-	
CategoryIntegrated Circuits (ICs)PMC - Voltage Regulators - DC DC Switching RegulatorsPackage16-DIP (0.300", 7.62mm)Series-FunctionStep-DownOutput ConfigurationStep-DownTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)9VVoltage - Output (Min/Fixed)5.1VVoltage - Output (Min/Fixed)5.1VVoltage - Output (Min/Fixed)1.5AVoltage - Output (Min/Fixed)1.5AFrequency - Switching100kHzSynchronous RectifierNoOutput Type-40°C ~150°C (TJ)Mouting Type1.6-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Manufacturer Part Number	L4962/A
PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage16-DIP (0.300", 7.62mm)Series-FunctionStep-DownOutput ConfigurationPositiveToologyBuckOutput TypeAdjustableNumber of Outputs1Voltage Input (Min)9VVoltage Output (Min/Fixed)5.1VVoltage Output (Min/Fixed)5.1VVoltage Output (Min/Fixed)1.5ACurrent Output1.5AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature40°C ~ 150°C (TJ)Mounting TypeInough HolePackage / Case16-DDIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Manufacturer	STMicroelectronics
Package16-DIP (0.300", 7.62mm)Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)9VVoltage - Output (Min/Fixed)5.1VVoltage - Output (Min/Fixed)00kHzCurrent - Output1.5AFrequency - Switching100kHzSynchronous RectifierNoOutputing Type+0°C ~ 150°C (TJ)Mounting Type16-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Category	Integrated Circuits (ICs)
Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableOutput Type1Voltage - Input (Min)9VVoltage - Output (Min/Fixed)46VVoltage - Output (Min/Fixed)5.1VVoltage - Output (Max)40VCurrent - Output1.5AFrequency - Switching100kHzOperating Temperature-40°C ~150°C (TJ)Mounting Type16-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)9VVoltage - Input (Min/Fixed)46VVoltage - Output (Min/Fixed)5.1VVoltage - Output (Min/Fixed)0VVoltage - Output (Max)1.5AFrequency - Switching100kHzSynchronous RectifierA0°C ~ 150°C (TJ)Mounting TypeHough HolePackage / Case16-DIP (0.30°T, 7.62mm)Supplier Device Package16-PowerDIP	Package	16-DIP (0.300", 7.62mm)
Output ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)9VVoltage - Input (Max)46VVoltage - Output (Min/Fixed)5.1VVoltage - Output (Min/Fixed)10Voltage - Output (Max)10Current - Output1.5AFrequency - Switching100kHzSynchronous Rectifier40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Series	-
TopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage of Output Min)9VVoltage - Input (Max)46VVoltage - Output (Mar/Fixed)5.1VVoltage - Output (Max)40VVoltage - Output (Max)1.5AFrequency - Switching100kHzSynchronous RectifierAd°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case6.DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Function	Step-Down
Output TypeAdjustableNumber of Outputs1Voltage - Input (Min)9VVoltage - Input (Max)46VVoltage - Output (Mar)5.1VVoltage - Output (Max)40VCurrent - Output1.5ASrequency - Switching100kHzOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Output Configuration	Positive
Number of Outputs1Number of Outputs9VVoltage - Input (Min)9VVoltage - Input (Max)46VVoltage - Output (Min/Fixed)5.1VVoltage - Output (Max)40VCurrent - Output1.5AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature-40°C ~150°C (TJ)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Topology	Buck
Voltage - Input (Min) 9V Voltage - Input (Max) 46V Voltage - Output (Min/Fixed) 5.1V Voltage - Output (Max) 40V Current - Output 1.5A Frequency - Switching 100kHz Synchronous Rectifier No Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-PowerDIP	Output Type	Adjustable
Voltage - Input (Max)46VVoltage - Output (Min/Fixed)5.1VVoltage - Output (Max)40VCurrent - Output1.5AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Number of Outputs	1
Voltage - Output (Min/Fixed)5.1VVoltage - Output (Max)40VCurrent - Output1.5AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Voltage - Input (Min)	9V
Voltage - Output (Max)40VCurrent - Output1.5AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Voltage - Input (Max)	46V
Current - Output1.5AFrequency - Switching100kHzSynchronous RectifierNoOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Voltage - Output (Min/Fixed)	5.1V
Frequency - Switching100kHzSynchronous RectifierNoOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Voltage - Output (Max)	40V
Synchronous RectifierNoOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Current - Output	1.5A
Operating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Frequency - Switching	100kHz
Mounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Synchronous Rectifier	No
Package / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-PowerDIP	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package 16-PowerDIP	Mounting Type	Through Hole
	Package / Case	16-DIP (0.300", 7.62mm)
Report error	Supplier Device Package	16-PowerDIP
		Report errors?

L4962/A Guarantees



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