

# LV5781-TLM-E

#### LV5781-TLM-E Information

		Part Number	LV5781-TLM-E	
		Manufacturer	ON Semiconductor	
	www.Theisenps.att	Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators	
	-	Description	IC REG BUCK 3.3V 3A 14HSSOP	<ul> <li>Edition</li> </ul>
		Package	14-LSSOP (0.173", 4.40mm Width) + 2 Heat Tabs	- 国际的装置
	For Reference Only		For the pricing/inventory/lead time, please contact us	EIN# MA
			Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote
1			1	

## **Certified Quality**

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# LV5781-TLM-E Specifications

ManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSeries-FunctionStep-DownOutput ConfigurationStep-DownPoologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output3AFrequency - Switching180kHzSynchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Package / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat Tabs		
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output3.4Synchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Package / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-LSSOP	Manufacturer Part Number	LV5781-TLM-E
PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Min/Fixed)3.3VCurrent - Output3AFrequency - Switching180kHzSynchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Package / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Manufacturer	ON Semiconductor
Package14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Min/Fixed)3.3VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Min/Fixed)3.4Synchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Category	Integrated Circuits (ICs)
Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Min/Fixed)3.3VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output3AFrequency - Switching180kHzSynchronous RectifierNoOperating Temperature3.0°C ~ 80°C (TA)Package / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-DownOutput ConfigurationPositivePopologyBuckOutput TypeFixedOutput Type1Number of Outputs1Voltage - Input (Min)4.5VVoltage - Output (Min/Fixed)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output3AFrequency - Switching180kHzSynchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Package	14-LSSOP (0.173", 4.40mm Width) + 2 Heat Tabs
Output ConfigurationPositiveTopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output3AFrequency - Switching180kHzSynchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Series	-
TopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output3AFrequency - Switching180kHzSynchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Function	Step-Down
Output TypeFixedOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output3AFrequency - Switching180kHzSynchronous Rectifier-30°C ~ 80°C (TA)Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Output Configuration	Positive
Number of Outputs1Number of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output3AFrequency - Switching180kHzSynchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Topology	Buck
Voltage - Input (Min)4.5VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output3AFrequency - Switching180kHzSynchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Output Type	Fixed
Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output3AFrequency - Switching180kHzSynchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Number of Outputs	1
Voltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output3AFrequency - Switching180kHzSynchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Voltage - Input (Min)	4.5V
Voltage - Output (Max)-Current - Output3AFrequency - Switching180kHzSynchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Voltage - Input (Max)	6V
Current - Output3AFrequency - Switching180kHzSynchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Voltage - Output (Min/Fixed)	3.3V
Frequency - Switching180kHzSynchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Voltage - Output (Max)	-
Synchronous RectifierNoOperating Temperature-30°C ~ 80°C (TA)Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Current - Output	3A
Operating Temperature-30°C ~ 80°C (TA)Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Frequency - Switching	180kHz
Mounting TypeSurface MountPackage / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Synchronous Rectifier	No
Package / Case14-LSSOP (0.173", 4.40mm Width) + 2 Heat TabsSupplier Device Package14-HSSOP	Operating Temperature	-30°C ~ 80°C (TA)
Supplier Device Package 14-HSSOP	Mounting Type	Surface Mount
	Package / Case	14-LSSOP (0.173", 4.40mm Width) + 2 Heat Tabs
Report errors?	Supplier Device Package	14-HSSOP
		Report errors

#### LV5781-TLM-E 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 EUARANTEE

#### **Service Guarantees**

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

#### LV5781-TLM-E Payment Methods



## LV5781-TLM-E Shipping Methods



If you have any question about LV5781-TLM-E, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com