

ISL8540IVEZ

ISL8540IVEZ Information



E-mail: salesdept@heisener.com

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.



ISL8540IVEZ Specifications

ManufacturerReneasa Electronics AmericaCategoryIntegrated Circuits (ICs)PAckage20-TSSOP (0.173", 4.40mm Width) Exposed PadPackage20-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)9VVoltage - Input (Min/Fixed)1.21VVoltage - Output (Min/Fixed)35VCurrent - Output2ASynchronous RectifierYesOperating Temperature40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	_	
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage20-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min/9VVoltage - Output (Min/Fixed)9VVoltage - Output (Min/Fixed)1.21VVoltage - Output (Min/Fixed)35VCurrent - Output2APrequency - Switching100kHz ~ 600kHzSynchronous RectifierYesOperating Temperature6urica Circuits (CI)Mounting TypeSurace MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Manufacturer Part Number	ISL8540IVEZ
PMC - Voltage Regulators - DC DC Switching RegulatorsPackage20-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositiveBuck0utput TypeOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)9VVoltage - Output (Min/Fixed)1.21VVoltage - Output (Min/Fixed)35VCurrent - Output2APrequency - Switching100kHz ~ 600kHzSynchronous RectifierYesOperating Temperature40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Manufacturer	Renesas Electronics America
Package20-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)9VVoltage - Input (Min/Fixed)1.21VVoltage - Output (Min/Fixed)35VCurrent - Output2AFrequency - Switching100kHz ~ 600kHzSynchronous Rectifier-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Category	Integrated Circuits (ICs)
Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)9VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)1.21VVoltage - Output (Max)35VCurrent - Output2AFrequency - Switching100kHz ~ 600kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-HTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableOutput Type1Number of Outputs9VVoltage - Input (Min)9VVoltage - Output (Min/Fixed)1.21VVoltage - Output (Max)35VCurrent - Output2AFrequency - Switching100kHz ~ 600kHzSynchronous Rectifier-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Package	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
Output ConfigurationPositiveOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)9VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)1.21VVoltage - Output (Max)35VCurrent - Output2AFrequency - Switching100kHz ~ 600kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Series	-
TopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)9VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)1.21VVoltage - Output (Max)35VCurrent - Output2AFrequency - Switching100kHz ~ 600kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Function	Step-Down
AdjustableOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)9VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)1.21VVoltage - Output (Max)35VCurrent - Output2ACurrent - Output100kHz ~ 600kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Output Configuration	Positive
Number of Outputs1Number of Outputs9VVoltage - Input (Min)9VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)1.21VVoltage - Output (Max)35VCurrent - Output2AFrequency - Switching100kHz ~ 600kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Topology	Buck
Voltage - Input (Min)9VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)1.21VVoltage - Output (Max)35VCurrent - Output2AFrequency - Switching100kHz ~ 600kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Output Type	Adjustable
Voltage - Input (Max)40VVoltage - Output (Min/Fixed)1.21VVoltage - Output (Max)35VCurrent - Output2AFrequency - Switching100kHz ~ 600kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Number of Outputs	1
Voltage - Output (Min/Fixed)1.21VVoltage - Output (Max)35VCurrent - Output2AFrequency - Switching100kHz ~ 600kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Voltage - Input (Min)	9V
Voltage - Output (Max)35VCurrent - Output2AFrequency - Switching100kHz ~ 600kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Voltage - Input (Max)	40V
Current - Output2AFrequency - Switching100kHz ~ 600kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Voltage - Output (Min/Fixed)	1.21V
Frequency - Switching100kHz ~ 600kHzSynchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Voltage - Output (Max)	35V
Synchronous RectifierYesOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Current - Output	2A
Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Frequency - Switching	$100 \text{kHz} \sim 600 \text{kHz}$
Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Synchronous Rectifier	Yes
Package / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package 20-HTSSOP	Mounting Type	Surface Mount
	Package / Case	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
Report errors?	Supplier Device Package	20-HTSSOP
		Report errors?

ISL8540IVEZ 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.

ISL8540IVEZ Payment Methods



ISL8540IVEZ Shipping Methods



If you have any question about ISL8540IVEZ, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com