



ISL6144IR Information



For Reference Only

Part Number ISL6144IR **Manufacturer** Intersil

Category Integrated Circuits (ICs)

PMIC - OR Controllers, Ideal Diodes

Description IC OR CTRLR N+1 20QFN **Package** 20-VQFN 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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Certified Quality

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ISL6144IR Specifications

Manufacturer Part Number ISL6144IR Manufacturer Intersil Category Integrated Circuits (ICs) Package 20-VQFN Exposed Pad Series - Type N+1 ORing Controller FET Type N-Channel Ratio - Input:Output N:1 Internal Switch(s) No Delay Time - ON Ims Delay Time - OFF 250ns Current - Output (Max) - Current - Supply 5mA Voltage - Supply 9 V ~ 75 V Applications N+1 Power Supplies, Telecom/Datacom Systems Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 20-VQFN Exposed Pad Supplier Device Package 20-QFN-EP (5x5)		
CategoryIntegrated Circuits (ICs)PMIC - OR Controllers, Ideal DiodesPackage20-VQFN Exposed PadSeries-TypeN+1 ORing ControllerFET TypeN-ChannelRatio - Input:OutputN:1Internal Switch(s)NoDelay Time - ONImsDelay Time - OFF250nsCurrent - Output (Max)-Current - Supply5mAVoltage - Supply9 V ~ 75 VApplicationsN+1 Power Supplies, Telecom/Datacom SystemsOperating Temperature-40°C ~ 105°CMounting TypeSurface MountPackage / Case20-VQFN Exposed PadSupplier Device Package20-QFN-EP (5x5)	Manufacturer Part Number	ISL6144IR
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Series - N+1 ORing Controller FET Type N-Channel Ratio - Input:Output N:1 Internal Switch(s) No Delay Time - ON Ims Delay Time - OFF 250ns Current - Output (Max) - Current - Supply 5mA Voltage - Supply 9 V ~ 75 V Applications N+1 Power Supplies, Telecom/Datacom Systems Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 20-VQFN Exposed Pad Supplier Device Package 20-QFN-EP (5x5)		PMIC - OR Controllers, Ideal Diodes
Type N+1 ORing Controller FET Type N-Channel Ratio - Input:Output N:1 Internal Switch(s) No Delay Time - ON Ims Delay Time - OFF 250ns Current - Output (Max) - Current - Supply 5mA Voltage - Supply 9 V ~ 75 V Applications N+1 Power Supplies, Telecom/Datacom Systems Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 20-VQFN Exposed Pad Supplier Device Package 20-QFN-EP (5x5)	Package	20-VQFN Exposed Pad
FET Type N-Channel Ratio - Input:Output N:1 Internal Switch(s) No Delay Time - ON Ims Delay Time - OFF 250ns Current - Output (Max) - Current - Supply 5mA Voltage - Supply 9 V ~ 75 V Applications N+1 Power Supplies, Telecom/Datacom Systems Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 20-VQFN Exposed Pad Supplier Device Package 20-QFN-EP (5x5)	Series	-
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Delay Time - ON Delay Time - OFF 250ns Current - Output (Max) - Current - Supply 5mA Voltage - Supply 4pplications N+1 Power Supplies, Telecom/Datacom Systems Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 20-VQFN Exposed Pad Supplier Device Package 20-QFN-EP (5x5)	Ratio - Input:Output	N:1
Delay Time - OFF 250ns Current - Output (Max) - Current - Supply 5mA Voltage - Supply 9 V ~ 75 V Applications N+1 Power Supplies, Telecom/Datacom Systems Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 20-VQFN Exposed Pad Supplier Device Package 20-QFN-EP (5x5)	Internal Switch(s)	No
Current - Output (Max) Current - Supply 5mA Voltage - Supply 9 V ~ 75 V Applications N+1 Power Supplies, Telecom/Datacom Systems Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 20-VQFN Exposed Pad Supplier Device Package 20-QFN-EP (5x5)	Delay Time - ON	1ms
Current - Supply $5mA$ Voltage - Supply $9 \text{ V} \sim 75 \text{ V}$ ApplicationsN+1 Power Supplies, Telecom/Datacom SystemsOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $20\text{-VQFN Exposed Pad}$ Supplier Device Package 20-QFN-EP (5x5)	Delay Time - OFF	250ns
Voltage - Supply Applications N+1 Power Supplies, Telecom/Datacom Systems Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 20-VQFN Exposed Pad Supplier Device Package 20-QFN-EP (5x5)	Current - Output (Max)	-
Applications N+1 Power Supplies, Telecom/Datacom Systems Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 20-VQFN Exposed Pad Supplier Device Package 20-QFN-EP (5x5)	Current - Supply	5mA
Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 20-VQFN Exposed Pad Supplier Device Package 20-QFN-EP (5x5)	Voltage - Supply	9 V ~ 75 V
Mounting Type Surface Mount Package / Case 20-VQFN Exposed Pad Supplier Device Package 20-QFN-EP (5x5)	Applications	N+1 Power Supplies, Telecom/Datacom Systems
Package / Case 20-VQFN Exposed Pad Supplier Device Package 20-QFN-EP (5x5)	Operating Temperature	-40°C ~ 105°C
Supplier Device Package 20-QFN-EP (5x5)	Mounting Type	Surface Mount
	Package / Case	20-VQFN Exposed Pad
Report errors?	Supplier Device Package	20-QFN-EP (5x5)
		Report errors?

ISL6144IR 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.

ISL6144IR Payment Methods



















ISL6144IR Shipping Methods













If you have any question about ISL6144IR, please do not hesitate to contact us!

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