

# SI8384PS-IU

#### SI8384PS-IU Information



Part Number	SI8384PS-IU	
Manufacturer	Silicon Labs	
Category	Isolators Digital Isolators	
Description	DGTL ISO 2.5KV 8CH 20QSOP	
Package	20-SSOP (0.154", 3.90mm Width)	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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For Reference Only

## **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.



### SI8384PS-IU Specifications

Manufacturer Part NumberSI8384PS-IUManufacturer AutometSicion LabsCategoryIsolatorsDackageJogital IsolatorsPackage20-SSOP (0.154", 3.90mm Width)Series-TechnologyCapacitive CouplingTypeGeneral PurposeIsolator PowerNoNumber of Channels8Inguer Side J/Side 2Width DistortionVoltage - IsolationSidovernaCommon Modernamient Immunity (Min)SidovernaData RateSubstrainPropagation Delayt pLH / tpHL (Max)SidovernaPackage Julient CitypeJong SidovernaVoltage - SubplySidovernaVoltage - SubplySidovernaPackage CaseSidovernaPicture Terrer SidovernaSidovernaPicture Terrer Sidoverna	•	
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Channel Type Unidirectional   Voltage - Isolation 2500Vrms   Common Mode Transient Immunity (Min) -   Data Rate 2Mbps   Propagation Delay tpLH / tpHL (Max) -   Pulse Width Distortion (Max) -   Rise / Fall Time (Typ) 3.9ns, 3.7ns   Voltage - Supply -25 V ~ 5.5 V   Operating Temperature -40°C ~ 125°C   Supplier Device Package 20-QSOP	Number of Channels	8
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Common Mode Transient Immunity (Min) -   Data Rate 2Mbps   Propagation Delay tpLH / tpHL (Max) -   Pulse Width Distortion (Max) -   Rise / Fall Time (Typ) 39ns, 3.7ns   Voltage - Supply 2.25 V ~ 5.5 V   Operating Temperature -40°C ~ 125°C   Package / Case 20-SSOP (0.154", 3.90mm Width)   Supplier Device Package 20-QSOP	Channel Type	Unidirectional
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Operating Temperature-40°C ~ 125°CPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-QSOP	Rise / Fall Time (Typ)	3.9ns, 3.7ns
Package / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-QSOP	Voltage - Supply	2.25 V ~ 5.5 V
Supplier Device Package 20-QSOP	Operating Temperature	$-40^{\circ}C \sim 125^{\circ}C$
	Package / Case	20-SSOP (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	20-QSOP
		Report errors?

#### SI8384PS-IU 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 BUARANTEE

#### **Service Guarantees**

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

#### SI8384PS-IU Payment Methods





If you have any question about SI8384PS-IU, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com