



MOC8080SD Information

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Part Number MOC8080SD

Manufacturer Fairchild/ON Semiconductor

Category **Isolators**

Optoisolators - Transistor, Photovoltaic Output

Description OPTOISO 5.3KV DARL W/BASE 6SMD

Package 6-SMD, Gull Wing

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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MOC8080SD Specifications

Manufacturer Part Number MOC8080SD Manufacturer Fairchild/ON Semiconductor Category Isolators Optoisolators - Transistor, Photovoltaic Output Package 6-SMD, Gull Wing Series - Number of Channels 1 Voltage - Isolation 5300Vrms Current Transfer Ratio (Min) 50% @ 10mA Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) 3.5µs, 25µs Rise / Fall Time (Typ) - Input Type DC Output Type DC Output Type Darlington with Base Voltage - Output (Max) 55V Current - Output / Channel - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 100mA Vcc Saturation (Max) 1V Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD, Gull Wing	THE COURSE SPECIFICATIONS	
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Series - Number of Channels 1 Voltage - Isolation 5300Vrms Current Transfer Ratio (Min) 50% @ 10mA Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) 3.5μs, 25μs Rise / Fall Time (Typ) - Input Type DC Output Type Darlington with Base Voltage - Output (Max) 55V Current - Output / Channel - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 100mA Vec Saturation (Max) 1V Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD		Optoisolators - Transistor, Photovoltaic Output
Number of Channels Voltage - Isolation 5300Vrms Current Transfer Ratio (Min) 50% @ 10mA Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) 3.5µs, 25µs Rise / Fall Time (Typ) - Input Type DC Output Type Darlington with Base Voltage - Output (Max) 55V Current - Output / Channel - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) Vce Saturation (Max) 1V Operating Temperature Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package	Package	6-SMD, Gull Wing
Voltage - Isolation 5300Vrms Current Transfer Ratio (Min) 50% @ 10mA Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) 3.5μs, 25μs Rise / Fall Time (Typ) - Input Type DC Output Type Darlington with Base Voltage - Output (Max) 55V Current - Output / Channel - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 100mA Vce Saturation (Max) 1V Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package	Series	-
Current Transfer Ratio (Min) Current Transfer Ratio (Max) Turn On / Turn Off Time (Typ) 3.5µs, 25µs Rise / Fall Time (Typ) Input Type DC Output Type Darlington with Base Voltage - Output (Max) 55V Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) Vee Saturation (Max) 1V Operating Temperature Package / Case 6-SMD, Gull Wing Supplier Device Package	Number of Channels	1
Current Transfer Ratio (Max) Turn On / Turn Off Time (Typ) 3.5µs, 25µs Rise / Fall Time (Typ) - Input Type DC Output Type Darlington with Base Voltage - Output (Max) 55V Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 100mA Vce Saturation (Max) 1V Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package	Voltage - Isolation	5300Vrms
Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) Input Type DC Output Type Darlington with Base Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) Vec Saturation (Max) Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package 6-SMD	Current Transfer Ratio (Min)	50% @ 10mA
Rise / Fall Time (Typ) Input Type DC Output Type Darlington with Base Voltage - Output (Max) 55V Current - Output / Channel - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 100mA Vce Saturation (Max) 1V Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Current Transfer Ratio (Max)	-
Input Type Output Type Darlington with Base Voltage - Output (Max) 55V Current - Output / Channel - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 100mA Vce Saturation (Max) Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Turn On / Turn Off Time (Typ)	3.5µs, 25µs
Output Type Darlington with Base Voltage - Output (Max) Current - Output / Channel - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) Vce Saturation (Max) Operating Temperature John A Volume Surface Mount Package / Case Supplier Device Package Darlington with Base Darlington with Base Darlington with Base Suplier Davide Base Supplier Davide Base Supplier Davide Base Darlington with Base Darlington with Base Suplier Base Supplier Davide Base Supplier Davide Base Supplier Davide Base Darlington with Base Suplier Base Supplier Davide Base Suppli	Rise / Fall Time (Typ)	-
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Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 100mA Vce Saturation (Max) Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Output Type	Darlington with Base
Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)100mAVce Saturation (Max)1VOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Voltage - Output (Max)	55V
Current - DC Forward (If) (Max) Vce Saturation (Max) Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Current - Output / Channel	-
Vce Saturation (Max)1VOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Voltage - Forward (Vf) (Typ)	1.2V
Operating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Current - DC Forward (If) (Max)	100mA
Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Vce Saturation (Max)	1V
Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Operating Temperature	-55°C ~ 100°C
Supplier Device Package 6-SMD	Mounting Type	Surface Mount
	Package / Case	6-SMD, Gull Wing
Report errors?	Supplier Device Package	6-SMD
		Report errors?

MOC8080SD 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.

MOC8080SD Payment Methods



















MOC8080SD Shipping Methods













If you have any question about MOC8080SD, please do not hesitate to contact us!

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