



MOC8100FR2M Information

Heisener.com

Part Number MOC8100FR2M

Manufacturer Fairchild/ON Semiconductor

Category Isolators

Optoisolators - Transistor, Photovoltaic Output

Description OPTOISO 7.5KV TRANS W/BASE 6SMD

Package 6-SMD, Gull Wing

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



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MOC8100FR2M Specifications

Manufacturer Part Number MOC8100FR2M Manufacturer Fairchild/ON Semiconductor Category Isolators Package 6-SMD, Gull Wing Series - Number of Channels 1 Current Transfer Ratio (Min) 30% @ 1mA Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) 2μs, 2μs (Max) Rise / Fall Time (Typ) 2μs, 2μs Input Type DC Output Type Transistor with Base Voltage - Output (Max) 30V Current - Output / Channel - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 500mV Operating Temperature -55° C 100° C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	-	
Category Isolators Optoisolators - Transistor, Photovoltaic Output Package 6-SMD, Gull Wing Series - Number of Channels 1 Voltage - Isolation 7500Vpk Current Transfer Ratio (Min) 30% @ 1mA Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) 20μs, 20μs (Max) Rise / Fall Time (Typ) 2μs, 2μs Input Type DC Output Type Transistor with Base Voltage - Output (Max) 30V Current - Output / Channel - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vec Saturation (Max) 500mV Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Manufacturer Part Number	MOC8100FR2M
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Package 6-SMD, Gull Wing Series - Number of Channels 1 Voltage - Isolation 7500Vpk Current Transfer Ratio (Min) 30% @ ImA Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) 20μs, 20μs (Max) Rise / Fall Time (Typ) 2μs, 2μs Input Type DC Output Type Transistor with Base Voltage - Output (Max) 30V Current - Output / Channel - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vec Saturation (Max) 500mV Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Category	Isolators
Series-Number of Channels1Voltage - Isolation7500VpkCurrent Transfer Ratio (Min)30% @ 1mACurrent Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)20μs, 20μs (Max)Rise / Fall Time (Typ)2μs, 2μsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)30VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)500mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD		Optoisolators - Transistor, Photovoltaic Output
Number of Channels1Voltage - Isolation7500VpkCurrent Transfer Ratio (Min)30% @ 1mACurrent Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)20μs, 20μs (Max)Rise / Fall Time (Typ)2μs, 2μsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)30VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)500mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Package	6-SMD, Gull Wing
Voltage - Isolation7500VpkCurrent Transfer Ratio (Min)30% @ 1mACurrent Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)20μs, 20μs (Max)Rise / Fall Time (Typ)2μs, 2μsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)30VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)500mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Series	-
Current Transfer Ratio (Min) Current Transfer Ratio (Max) Turn On / Turn Off Time (Typ) 20µs, 20µs (Max) Rise / Fall Time (Typ) 2µs, 2µs Input Type DC Output Type Transistor with Base Voltage - Output (Max) 30V Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) Vee Saturation (Max) Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package	Number of Channels	1
Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)20μs, 20μs (Max)Rise / Fall Time (Typ)2μs, 2μsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)30VCurrent - Output / Channel-Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)500mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD, Gull WingSupplier Device Package6-SMD	Voltage - Isolation	7500Vpk
Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) 2μs, 2μs Input Type DC Output Type Transistor with Base Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) Vee Saturation (Max) Operating Temperature 500mV Output Type Surface Mount Package / Case Supplier Device Package 6-SMD	Current Transfer Ratio (Min)	30% @ 1mA
Rise / Fall Time (Typ) Input Type DC Output Type Transistor with Base Voltage - Output (Max) Current - Output / Channel - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package	Current Transfer Ratio (Max)	-
Input Type Output Type Transistor with Base Voltage - Output (Max) 30V Current - Output / Channel - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 500mV 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)	20μs, 20μs (Max)
Output Type Transistor with Base Voltage - Output (Max) 30V Current - Output / Channel - Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 500mV Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Rise / Fall Time (Typ)	2μs, 2μs
Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.2V 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	Input Type	DC
Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 500mV Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Output Type	Transistor with Base
Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 500mV Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Voltage - Output (Max)	30V
Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 500mV 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)500mVOperating 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)	60mA
Mounting Type Surface Mount Package / Case 6-SMD, Gull Wing Supplier Device Package 6-SMD	Vce Saturation (Max)	500mV
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?

MOC8100FR2M 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.

MOC8100FR2M Payment Methods



















MOC8100FR2M Shipping Methods













If you have any question about MOC8100FR2M, please do not hesitate to contact us!

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