



MOC207M Information



For Reference Only

Part Number MOC207M

Manufacturer Fairchild/ON Semiconductor

Category Isolators

Optoisolators - Transistor, Photovoltaic Output

Description OPTOISO 2.5KV TRANS W/BASE 8SOIC

Package 8-SOIC (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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MOC207M Specifications

Manufacturer Part Number MOC207M Manufacturer Fairchild/ON Semiconductor Category Isolators Optoisolators - Transistor, Photovoltaic Output Package 8-SOIC (0.154", 3.90mm Width) Series - Number of Channels 1 Voltage - Isolation 2500Vrms Current Transfer Ratio (Min) 100% @ 10mA Current Transfer Ratio (Max) 200% @ 10mA Turn On / Turn Off Time (Typ) 7.5μs, 5.7μs Rise / Fall Time (Typ) 3.2μs, 4.7μs Input Type DC Output Type Transistor with Base Voltage - Output (Max) 30V Current - Output / Channel 150mA Voltage - Forward (Vf) (Typ) 1.15V Current - DC Forward (If) (Max) 60mA Vec Saturation (Max) 400mV Operating Temperature -40°C ~ 100°C Mounting Type Surface Mount Packers (Content Content Visible)	WIO C207WI Specifications	
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Current Transfer Ratio (Max) 200% @ 10mA Turn On / Turn Off Time (Typ) 7.5 μ s, 5.7 μ s Rise / Fall Time (Typ) 3.2 μ s, 4.7 μ s Input Type DC Output Type Transistor with Base Voltage - Output (Max) 30V Current - Output / Channel 150mA Voltage - Forward (Vf) (Typ) 1.15V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -40°C ~ 100°C Mounting Type Surface Mount	Voltage - Isolation	2500Vrms
Turn On / Turn Off Time (Typ) 7.5 μ s, 5.7 μ s Rise / Fall Time (Typ) 3.2 μ s, 4.7 μ s Input Type DC Output Type Transistor with Base Voltage - Output (Max) 30V Current - Output / Channel 150mA Voltage - Forward (Vf) (Typ) 1.15V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -40°C ~ 100°C Mounting Type Surface Mount	Current Transfer Ratio (Min)	100% @ 10mA
Rise / Fall Time (Typ)3.2μs, 4.7μsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)30VCurrent - Output / Channel150mAVoltage - Forward (Vf) (Typ)1.15VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)400mVOperating Temperature-40°C ~ 100°CMounting TypeSurface Mount	Current Transfer Ratio (Max)	200% @ 10mA
Input Type Output Type Transistor with Base Voltage - Output (Max) Current - Output / Channel 150mA Voltage - Forward (Vf) (Typ) 1.15V Current - DC Forward (If) (Max) Vce Saturation (Max) Operating Temperature Mounting Type DC Transistor with Base 150mA 150mA 1.15V 60mA 400mV Surface Mount	Turn On / Turn Off Time (Typ)	7.5μs, 5.7μs
Output Type Transistor with Base Voltage - Output (Max) Current - Output / Channel 150mA Voltage - Forward (Vf) (Typ) 1.15V Current - DC Forward (If) (Max) Vce Saturation (Max) Operating Temperature Mounting Type Transistor with Base 30V 60mA 150mA 1.15V 60mA 400mV 50mA Vce Saturation (Max) Surface Mount	Rise / Fall Time (Typ)	3.2μs, 4.7μs
Voltage - Output (Max) Current - Output / Channel 150mA Voltage - Forward (Vf) (Typ) 1.15V Current - DC Forward (If) (Max) Vce Saturation (Max) Operating Temperature Mounting Type 30V 150mA 1.15V 60mA 400mV 50mA 400mV Current - DC Forward (If) (Max) 50mA 50m	Input Type	DC
Current - Output / Channel 150mA Voltage - Forward (Vf) (Typ) 1.15V Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature -40°C ~ 100°C Mounting Type Surface Mount	Output Type	Transistor with Base
Voltage - Forward (Vf) (Typ) $1.15V$ Current - DC Forward (If) (Max) $60mA$ Vce Saturation (Max) $400mV$ Operating Temperature $-40^{\circ}C \sim 100^{\circ}C$ Mounting TypeSurface Mount	Voltage - Output (Max)	30V
Current - DC Forward (If) (Max) 60mA Vce Saturation (Max) 400mV Operating Temperature $-40 ^{\circ}\text{C} \sim 100 ^{\circ}\text{C}$ Mounting TypeSurface Mount	Current - Output / Channel	150mA
Vce Saturation (Max) 400mV Operating Temperature $-40 ^{\circ}\text{C} \sim 100 ^{\circ}\text{C}$ Mounting TypeSurface Mount	Voltage - Forward (Vf) (Typ)	1.15V
Operating Temperature -40°C ~ 100°C Mounting Type Surface Mount	Current - DC Forward (If) (Max)	60mA
Mounting Type Surface Mount	Vce Saturation (Max)	400mV
	Operating Temperature	-40°C ~ 100°C
0. COIC (0.154!! 2.00 W.14!.)	Mounting Type	Surface Mount
8-SOIC (0.154", 3.90mm width)	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SO Tall	Supplier Device Package	8-SO Tall
Report errors?		Report errors?

MOC207M 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.

MOC207M Payment Methods



















MOC207M Shipping Methods













If you have any question about MOC207M, please do not hesitate to contact us!

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