

SFH608-3

SFH608-3 Information

Heisener.com	Part Number	SFH608-3
	Manufacturer	Vishay Semiconductor Opto Division
	Category	Isolators Optoisolators - Transistor, Photovoltaic Output
	Description	OPTOISO 5.3KV TRANS W/BASE 6DIP
	Package	6-DIP (0.300", 7.62mm)
		For the pricing/inventory/lead time, please contact
For Reference Only		us
		Website: https://www.heisener.com E-mail: salesdept@heisener.com

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.



Request a Quote

SFH608-3 Specifications

ManufacturerVishay Semiconductor Opto DivisionGategoryIsolatorsOptoisolators - Transistor, Photovoltaic OutputPackage6-DIP (0.300°, 7.62mm)Series-Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)100% @ ImACurrent Transfer Ratio (Max)200% @ ImACurrent Transfer Ratio (Max)200% @ ImATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsOutput TypeDCOutput Type55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVoe Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300°, 7.62mm)		
CategoryIsolarosOptoisolators - Transistor, Photovoltaic OutputPackage6-DIP (0.300", 7.62mm)Series-Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)100% @ ImACurrent Transfer Ratio (Max)200% @ ImACurrent Transfer Ratio (Max)200% @ ImATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsOutput TypeDCOutput Type55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVoltage Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)	Manufacturer Part Number	SFH608-3
Optoisolators - Transistor, Photovoltaic OutputPackage6-DIP (0.300", 7.62mm)Series-Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)100% @ 1mACurrent Transfer Ratio (Max)200% @ 1mATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsOutput TypeDCOutput Type55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVole Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Manufacturer	Vishay Semiconductor Opto Division
Package6-DIP (0.300", 7.62mm)Series-Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)100% @ 1mACurrent Transfer Ratio (Max)200% @ 1mATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsOutput TypeDCOutput Type55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVoltage - Forward (Vf) (Max)50mACurrent - DC Forward (If) (Max)50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVe Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Category	Isolators
Series-Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)100% @ ImACurrent Transfer Ratio (Max)200% @ ImATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (If) (Max)50mAVoltage - Forward (If) (Max)50mAOupparting Temperature55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP		Optoisolators - Transistor, Photovoltaic Output
Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)100% @ 1mACurrent Transfer Ratio (Max)200% @ 1mATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVoltage - Forward (If) (Max)50mAOupput Type-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)	Package	6-DIP (0.300", 7.62mm)
Voltage - Isolation 5300Vrms Current Transfer Ratio (Min) 100% @ 1mA Current Transfer Ratio (Max) 200% @ 1mA Turn On / Turn Off Time (Typ) 8µs, 7.5µs Rise / Fall Time (Typ) 5µs, 7µs Input Type DC Output Type Transistor with Base Voltage - Output (Max) 55V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.1V Current - DC Forward (If) (Max) 50mA Vole Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 6-DIP (0.300", 7.62mm)	Series	-
Number of the second	Number of Channels	1
Current Transfer Ratio (Max)200% @ 1mATurn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVe Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeFhrough HolePackage / Case6-DIP (0.300", 7.62mm)	Voltage - Isolation	5300Vrms
Turn On / Turn Off Time (Typ)8µs, 7.5µsRise / Fall Time (Typ)5µs, 7µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVoe Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Current Transfer Ratio (Min)	100% @ 1mA
Rise / Fall Time (Typ)5µs, 7µsInput TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVec Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Current Transfer Ratio (Max)	200% @ 1mA
Input TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)	Turn On / Turn Off Time (Typ)	8µs, 7.5µs
A matrixTransistor with BaseOutput TypeTransistor with BaseVoltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Rise / Fall Time (Typ)	5μs, 7μs
Voltage - Output (Max)55VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Input Type	DC
Current - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Output Type	Transistor with Base
Voltage - Forward (Vf) (Typ)1.1VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Voltage - Output (Max)	55V
Current - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Current - Output / Channel	50mA
Vce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Voltage - Forward (Vf) (Typ)	1.1V
Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Current - DC Forward (If) (Max)	50mA
Mounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Vce Saturation (Max)	400mV
Package / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIP	Operating Temperature	-55°C ~ 100°C
Supplier Device Package 6-DIP	Mounting Type	Through Hole
	Package / Case	6-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	6-DIP
		Report errors?

SFH608-3 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.



If you have any question about SFH608-3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com