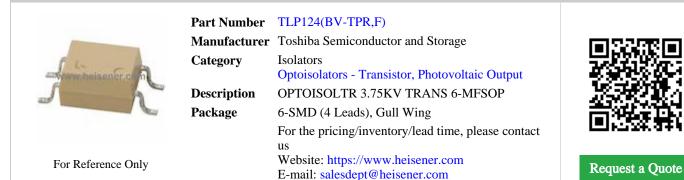


TLP124(BV-TPR,F)

TLP124(BV-TPR,F) Information



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.



TLP124(BV-TPR,F) Specifications

ManufacturerToshiba Semiconductor and StorageCategoryIsolatorsPackageOptoisolators - Transistor, Photovoltaic OutputPackage6-SMD (4 Leads), Gull WingSeries-Number of Channels1Voltage - Isolation3750VrmsCurrent Transfer Ratio (Min)200% @ ImACurrent Transfer Ratio (Max)1200% @ ImATurn On / Turn Off Time (Typ)10µs, 8µsRise / Fall Time (Typ)0COutput TypeDCOutput Type50mAVoltage - Forward (Vf) (Typ)1.15VCurrent - OLTporvard (If) (Max)50mAVoltage - Forward (If) (Max)50mAQomV-Operating Temperature-55°C ~ 100°CMounting TypeSufface MountPackage / Case6-SMD (4 Leads), Gull Wing	· · · · •	
CategoryIsolatorsOptoisolators - Transistor, Photovoltaic OutputPackage6-SMD (4 Leads), Gull WingSeries-Number of Channels1Voltage - Isolation3750VrmsCurrent Transfer Ratio (Min)200% @ ImACurrent Transfer Ratio (Max)1200% @ ImATurn On / Turn Off Time (Typ)10µs, 8µsRise / Fall Time (Typ)8µs, 8µsNupter Output fypeDCOutput Type50mAVoltage - Forward (Vf) (Typ)1.15VCurrent - OLT (Max)50mAVoltage - Forward (Uf) (Max)50mAVoltage - Forward (Uf) (Max)50mAVoltage - Gautation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-MFSOP, 4 Lead	Manufacturer Part Number	TLP124(BV-TPR,F)
PackageOptoisolators - Transistor, Photovoltaic OutputPackage6-SMD (4 Leads), Gull WingSeries-Number of Channels1Voltage - Isolation3750VrmsCurrent Transfer Ratio (Min)200% @ 1mACurrent Transfer Ratio (Max)1200% @ 1mATurn On / Turn Off Time (Typ)10µs, 8µsRise / Fall Time (Typ)0COutput TypeDCOutput Type0LOutput Type50mAVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.15VCurrent - DC Forward (If) (Max)50mAVoltage - Forward (Vf) (Typ)50mAOutput Type50mACurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)50mACurrent - Output (Pigner)50mACurrent - Output (Pigner)50mA <td>Manufacturer</td> <td>Toshiba Semiconductor and Storage</td>	Manufacturer	Toshiba Semiconductor and Storage
Package6-SMD (4 Leads), Gull WingSeries-Number of Channels1Voltage - Isolation3750VrmsCurrent Transfer Ratio (Min)200% @ 1mACurrent Transfer Ratio (Max)1200% @ 1mATurn On / Turn Off Time (Typ)10µs, 8µsRise / Fall Time (Typ)8µs, 8µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.15VCurrent - DC Forward (If) (Max)50mAVoltage - Forward (Vf) (Max)50mAVoltage - Forward (Vf) (Typ)50mACurrent - DC Forward (If) (Max)50mAVoltage - Forward (Vf) (Typ)50mACurrent - DC Forward (If) (Max)50mAVes Saturation (Max)60mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD (4 Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Category	Isolators
Series-Number of Channels1Voltage - Isolation3750VrmsCurrent Transfer Ratio (Min)200% @ 1mACurrent Transfer Ratio (Max)1200% @ 1mATurn On / Turn Off Time (Typ)10µs, 8µsRise / Fall Time (Typ)8µs, 8µsInput TypeDCOutput TypeTransistorOutput Type50mACurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.15VCurrent - DC Forward (If) (Max)50mAVe Saturation (Max)50mAOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-MFSDP, 4 Lead		Optoisolators - Transistor, Photovoltaic Output
Number of ChannelsIVoltage - Isolation3750VrmsCurrent Transfer Ratio (Min)200% @ 1mACurrent Transfer Ratio (Max)1200% @ 1mATurn On / Turn Off Time (Typ)10µs, 8µsRise / Fall Time (Typ)Bus, 8µsInput TypeDCOutput TypeTransistorOutput TypeS0mAVoltage - Output (Max)50mACurrent - Output / Channel50mAVoltage - Forward (If) (Max)50mAOupparting Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SHD (A Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Package	6-SMD (4 Leads), Gull Wing
Voltage - Isolation3750VrmsCurrent Transfer Ratio (Min)200% @ 1mACurrent Transfer Ratio (Max)1200% @ 1mATurn On / Turn Off Time (Typ)10µs, 8µsRise / Fall Time (Typ)8µs, 8µsInput TypeDCOutput Type7masistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.15VCurrent - DC Forward (If) (Max)50mAVoltage Type50mAVoltage Type50°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD (4 Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Series	-
Current Transfer Ratio (Min) 200% @ ImA Current Transfer Ratio (Max) 1200% @ ImA Turn On / Turn Off Time (Typ) 10µs, 8µs Rise / Fall Time (Typ) 8µs, 8µs Input Type DC Output Type Transistor Output Type Transistor Voltage - Output (Max) 80V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.15V Current - DC Forward (If) (Max) 50mA Voe Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-SMD (4 Leads), Gull Wing Supplier Device Package 6-MFSOP, 4 Lead	Number of Channels	1
Current Transfer Ratio (Max) 1200% @ 1mA Turn On / Turn Off Time (Typ) 10µs, 8µs Rise / Fall Time (Typ) 8µs, 8µs Input Type DC Output Type Transistor Output Type 80V Current - Output / Channel 80V Voltage - Forward (Vf) (Typ) 1.15V Current - DC Forward (If) (Max) 50mA Voe Saturation (Max) 400mV Operating Temperature -55°C ~ 100°C Mounting Type Surface Mount Package / Case 6-MFSOP, 4 Leads), Gull Wing	Voltage - Isolation	3750Vrms
Turn On / Turn Off Time (Typ)10μs, 8μsRise / Fall Time (Typ)8μs, 8μsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.15VCurrent - DC Forward (If) (Max)50mAVoe Saturation (Max)60mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD (4 Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Current Transfer Ratio (Min)	200% @ 1mA
Rise / Fall Time (Typ)8µs, 8µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.15VCurrent - DC Forward (If) (Max)50mAVec Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD (4 Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Current Transfer Ratio (Max)	1200% @ 1mA
Input TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.15VCurrent - DC Forward (If) (Max)50mAVes Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD (4 Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Turn On / Turn Off Time (Typ)	10µs, 8µs
Output TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.15VCurrent - DC Forward (If) (Max)50mAVec Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD (4 Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Rise / Fall Time (Typ)	8μs, 8μs
Voltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.15VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD (4 Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Input Type	DC
Current - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.15VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD (4 Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Output Type	Transistor
Voltage - Forward (Vf) (Typ)1.15VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD (4 Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Voltage - Output (Max)	80V
Current - DC Forward (If) (Max)50mAVce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD (4 Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Current - Output / Channel	50mA
Vce Saturation (Max)400mVOperating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD (4 Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Voltage - Forward (Vf) (Typ)	1.15V
Operating Temperature-55°C ~ 100°CMounting TypeSurface MountPackage / Case6-SMD (4 Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Current - DC Forward (If) (Max)	50mA
Mounting TypeSurface MountPackage / Case6-SMD (4 Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Vce Saturation (Max)	400mV
Package / Case6-SMD (4 Leads), Gull WingSupplier Device Package6-MFSOP, 4 Lead	Operating Temperature	-55°C ~ 100°C
Supplier Device Package 6-MFSOP, 4 Lead	Mounting Type	Surface Mount
	Package / Case	6-SMD (4 Leads), Gull Wing
Report errors?	Supplier Device Package	6-MFSOP, 4 Lead
		Report errors?

TLP124(BV-TPR,F) 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.

TLP124(BV-TPR,F) Payment Methods





If you have any question about TLP124(BV-TPR,F), please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com