

EL816(S1)(A)(TA)

EL816(S1)(A)(TA) Information

Heisener.com	EL816(S1)(A)(TA) Everlight Electronics Co Ltd Isolators Optoisolators - Transistor, Photovoltaic Output OPTOISOLTR 5KV TRANSISTOR 4-SMD 4-SMD, Gull Wing For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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.



EL816(S1)(A)(TA) Specifications

Series-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)80% @ 5mACurrent Transfer Ratio (Max)160% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorOutput Type50mAVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVe Saturation (Max)200mVOperating Temperature-55° C ~ 110°CMounting TypeSurface MountPackage / Case4.SMD, Gull Wing		
CategoryIsolarsOptoisolators - Transistor, Photovoltaic OutputPackage4-SMD, Gull WingSeries-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)80% @ 5mACurrent Transfer Ratio (Max)160% @ 5mACurrent Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Kise / Fall Time (Typ)4µs, 3µsOutput TypeDCOutput TypeSomAVoltage - Output (Max)80VVoltage - Output (Max)50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoltage - Forward (If) (Max)50°C ~ 110°COperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4.SMD, Gull WingSupplier Device Package4.SMD	Manufacturer Part Number	EL816(S1)(A)(TA)
Optoisolators - Transistor, Photovoltaic OutputPackage4-SMD, Gull WingSeries-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)80% @ 5mACurrent Transfer Ratio (Max)160% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoltage - Forward (If) (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Manufacturer	Everlight Electronics Co Ltd
Package4-SMD, Gull WingSeries-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)80% @ 5mACurrent Transfer Ratio (Max)160% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsDuput TypeDCOutput Type7manistorVoltage - Output (Max)80VVoltage - Output (Max)SomAVoltage - Output (Max)50mACurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoltage - Forward (If) (Max)50°C ~ 110°COperating TemperatureSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Category	Isolators
Series-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)80% @ 5mACurrent Transfer Ratio (Max)160% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorOutput Type50mAVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVe Saturation (Max)200mVOperating Temperature-55° C ~ 110°CMounting TypeSurface MountPackage / Case4.SMD, Gull Wing		Optoisolators - Transistor, Photovoltaic Output
Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)80% @ 5mACurrent Transfer Ratio (Max)160% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (If) (Max)60mAVerstauration (Max)00mVOperating Temperature50°C ~ 110°CMounting TypeSurface MountPackage / Case4.SMD, Gull WingSupplier Device Package4.SMD	Package	4-SMD, Gull Wing
Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)80% @ 5mACurrent Transfer Ratio (Max)160% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVe Saturation (Max)200mVOperating Temperature55°C ~ 110°CMounting Type4.SMD, Gull WingSupplier Device Package4.SMD	Series	-
Current Transfer Ratio (Min)80% @ 5mACurrent Transfer Ratio (Max)160% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Number of Channels	1
Current Transfer Ratio (Max)160% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorOutput Type80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting Type4.SMD, Gull WingSupplier Device Package4.SMD	Voltage - Isolation	5000Vrms
Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoe Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Current Transfer Ratio (Min)	80% @ 5mA
Rise / Fall Time (Typ)4µs, 3µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Current Transfer Ratio (Max)	160% @ 5mA
Input TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVec Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Turn On / Turn Off Time (Typ)	-
Output TypeTransistorOutput Type80VVoltage - Output (Max)50mACurrent - Output / Channel1.2VVoltage - Forward (Vf) (Typ)60mACurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Rise / Fall Time (Typ)	4µs, 3µs
Voltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Input Type	DC
Current - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Output Type	Transistor
Voltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Voltage - Output (Max)	80V
Current - DC Forward (If) (Max)60mAVce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Current - Output / Channel	50mA
Vce Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Voltage - Forward (Vf) (Typ)	1.2V
Operating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Current - DC Forward (If) (Max)	60mA
Mounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Vce Saturation (Max)	200mV
Package / Case 4-SMD, Gull Wing Supplier Device Package 4-SMD	Operating Temperature	-55°C ~ 110°C
Supplier Device Package 4-SMD	Mounting Type	Surface Mount
	Package / Case	4-SMD, Gull Wing
Report errors?	Supplier Device Package	4-SMD
•		Report errors?

EL816(S1)(A)(TA) 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 ELARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

EL816(S1)(A)(TA) Payment Methods



EL816(S1)(A)(TA) Shipping Methods



If you have any question about EL816(S1)(A)(TA), please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com