

# EL817(S)(TB)-VG

# EL817(S)(TB)-VG Information

wyw.helsener.com	Part Number Manufacturer Category Description Package	EL817(S)(TB)-VG 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 us	
For Reference Only		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.



# EL817(S)(TB)-VG Specifications

ManufacturerEverlight Electronics Co LtdCategoryIsolatorsPackage4-SMD, Gull WingPackage-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)50% @ 5mACurrent Transfer Ratio (Max)600% @ 5mACurrent Transfer Ratio (Max)600% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)0COutput TypeDCOutput TypeSomAVoltage - Ioutput / Channel80VCurrent - 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 Wing		
Category     Isofors       Optoisolators - Transistor, Photovoltaic Output       Package     4-SMD, Gull Wing       Package     -       Number of Channels     1       Voltage - Isolation     5000 Vrms       Current Transfer Ratio (Min)     50% @ 5mA       Current Transfer Ratio (Max)     600% @ 5mA       Current Transfer Ratio (Max)     600% @ 5mA       Turn On / Turn Off Time (Typ)     -       Rise / Fall Time (Typ)     6us, 8µs       Output Type     DC       Output Type     SomA       Voltage - Output (Max)     80V       Voltage - Forward (Vf) (Typ)     1.2V       Current - Output / Channel     6omA       Voltage - Forward (If) (Max)     00mV       Operating Temperature     -55°C ~ 110°C       Mounting Type     Surface Mount       Package / Case     4-SMD, Gull Wing	Manufacturer Part Number	EL817(S)(TB)-VG
Optoisolators - Transistor, Photovoltaic OutputPackage4-SMD, Gull WingSeries-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)50% @ 5mACurrent Transfer Ratio (Max)600% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6µs, 8µsOutput TypeDCOutput TypeTransistorVoltage - Output (Max)80VVoltage - Output (Max)50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoltage - Forward (Vf) (Typ)50mVOutput Type90mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Manufacturer	Everlight Electronics Co Ltd
A-SMD, Gull Wing       Series     -       Number of Channels     1       Voltage - Isolation     5000Vrms       Current Transfer Ratio (Min)     50% @ 5mA       Current Transfer Ratio (Max)     600% @ 5mA       Turn On / Turn Off Time (Typ)     -       Rise / Fall Time (Typ)     6µs, 8µs       Output Type     DC       Output Type     Transistor       Voltage - Output (Max)     80V       Current - Output / Channel     50mA       Voltage - Forward (Vf) (Typ)     1.2V       Current - DC Forward (If) (Max)     60mA       Voltage - Forward (Vf) (Typ)     55°C ~ 110°C       Quonty     Surface Mount       Package / Case     4.SMD, Gull Wing       Surface Mount     Surface Mount	Category	Isolators
Series-Number of Channels1Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)50% @ 5mACurrent Transfer Ratio (Max)600% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6µs, 8µsInput 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)50% @ 5mACurrent Transfer Ratio (Max)600% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6µs, 8µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVer Saturation (Max)200mVOperating Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4.SMD, Gull Wing	Package	4-SMD, Gull Wing
Voltage - Isolation5000VrmsCurrent Transfer Ratio (Min)50% @ 5mACurrent Transfer Ratio (Max)600% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6µs, 8µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoltage Type50°C ~ 110°COperating Temperature55°C ~ 110°CMounting Type4.SMD, Gull WingSupplier Device Package4.SMD	Series	-
Current Transfer Ratio (Min)50% @ 5mACurrent Transfer Ratio (Max)600% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6µs, 8µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVoltage Temperature-55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Number of Channels	1
Current Transfer Ratio (Max)600% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6µs, 8µsInput TypeDCOutput TypeTransistorOutput Type80VCurrent - 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 Wing	Voltage - Isolation	5000Vrms
Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)6μs, 8μsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)60mAVole Saturation (Max)200mVOperating Temperature55°C ~ 110°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-SMD	Current Transfer Ratio (Min)	50% @ 5mA
Rise / Fall Time (Typ)6μs, 8μsInput 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)	600% @ 5mA
Input TypeDCOutput TypeTransistorVoltage - 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	Turn On / Turn Off Time (Typ)	-
Output TypeTransistorOutput TypeS0VVoltage - Output (Max)S0MACurrent - 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	Rise / Fall Time (Typ)	6μs, 8μs
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	$-55^{\circ}C \sim 110^{\circ}C$
Supplier Device Package 4-SMD	Mounting Type	Surface Mount
	Package / Case	4-SMD, Gull Wing
Report errors?	Supplier Device Package	4-SMD
		Report errors <sup>6</sup>

#### EL817(S)(TB)-VG 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 EUARANTEE

#### **Service Guarantees**

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

### EL817(S)(TB)-VG Payment Methods



# EL817(S)(TB)-VG Shipping Methods



If you have any question about EL817(S)(TB)-VG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com