

6N136V

6N136V Information



For Reference Only

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.

Part Number 6N136V

Category

Description Package

Manufacturer Fairchild/ON Semiconductor

8-DIP (0.300", 7.62mm)

Website: https://www.heisener.com

E-mail: salesdept@heisener.com

Optoisolators - Transistor, Photovoltaic Output OPTOISO 2.5KV TRANS W/BASE 8DIP

For the pricing/inventory/lead time, please contact

Isolators

us

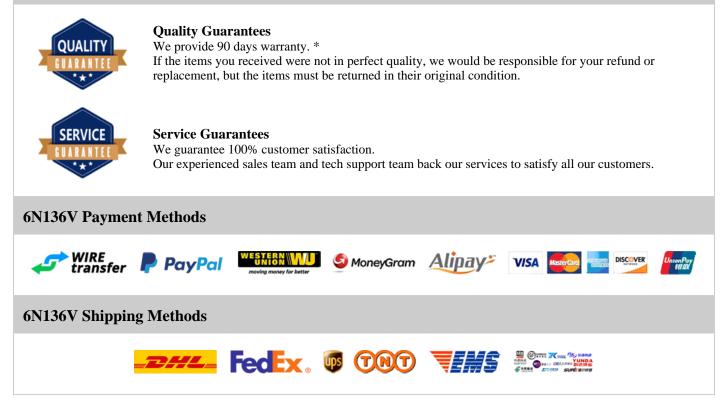


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6N136V Specifications

| Farchild/ON Semiconductor Kanufacturer Farchild/ON Semiconductor Category Isolators Optoisolators - Transistor, Photovoltaic Output Barchild/ON Semiconductor Package 8-DIP (0.300", 7.62mm) Series - Number of Channels 1 Voltage - Isolation 2500Vrms Current Transfer Ratio (Min) 19% @ 16mA Current Transfer Ratio (Max) 50% @ 16mA Current Transfer Ratio (Max) 50% @ 16mA Turn On / Turn Off Time (Typ) 450ns, 500ns Rise / Fall Time (Typ) - Output Type DC Output Type Transistor with Base Voltage - Output (Max) 20V Current - Output / Channel 8mA Voltage - Forward (Vf) (Typ) 1.45V Current - DC Forward (If) (Max) 25mA Voltage - Forward (If) (Max) - Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP | | |
|---|---------------------------------|---|
| CategoryIsolatorsOptoisolators - Transistor, Photovoltaic OutputPackage8-DIP (0.300", 7.62mm)Series-Number of Channels1Voltage - Isolation2500 VrmsCurrent Transfer Ratio (Min)9% @ 16mACurrent Transfer Ratio (Max)50% @ 16mACurrent Opt Trum Off Time (Typ)450ns, 500nsRise / Fall Time (Typ)DCOutput TypeDCOutput Type145VOutput Type3mAVoltage - Forward (Vf) (Typ)1.45VCurrent - DC Forward (If) (Max)-Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | Manufacturer Part Number | 6N136V |
| Optoisolators - Transistor, Photovoltaic OutputPackage8-DIP (0.300", 7.62mm)Series-Number of Channels1Voltage - Isolation2500VrmsCurrent Transfer Ratio (Min)19% @ 16mACurrent Transfer Ratio (Max)50% @ 16mATurn On / Turn Off Time (Typ)450ns, 500nsRise / Fall Time (Typ)-Input TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)20VCurrent - Output / Channel8mAVoltage - Forward (Vf) (Typ)1.45VCurrent - DC Forward (If) (Max)25mAVes Saturation (Max)-Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm) | Manufacturer | Fairchild/ON Semiconductor |
| Package8-DIP (0.300", 7.62mm)Series-Number of Channels1Voltage - Isolation2500VrmsCurrent Transfer Ratio (Min)19% @ 16mACurrent Transfer Ratio (Max)50% @ 16mATurn On / Turn Off Time (Typ)450ns, 500nsRise / Fall Time (Typ)-Input TypeDCOutput TypeTransistor with BaseVoltage - Output / Channel8mAVoltage - Forward (Vf) (Typ)1.45VCurrent - DC Forward (If) (Max)25mAVoltage - Forward (Vf) (Max)-Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm) | Category | Isolators |
| Series-Number of Channels1Voltage - Isolation2500VrmsCurrent Transfer Ratio (Min)19% @ 16mACurrent Transfer Ratio (Max)50% @ 16mATurn On / Turn Off Time (Typ)450ns, 500nsRise / Fall Time (Typ)-Input TypeDCOutput TypeTransistor with BaseVoltage - Output / Channel8mAVoltage - Forward (Vf) (Typ)1.45VCurrent - DC Forward (If) (Max)25mAVes Saturation (Max)-Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | | Optoisolators - Transistor, Photovoltaic Output |
| Number of Channels1Voltage - Isolation2500VrmsCurrent Transfer Ratio (Min)19% @ 16mACurrent Transfer Ratio (Max)50% @ 16mATurn On / Turn Off Time (Typ)450ns, 500nsRise / Fall Time (Typ)-Input TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)20VCurrent - Output / Channel8mAVoltage - Forward (Vf) (Typ)1.45VCurrent - DC Forward (If) (Max)25mAVce Saturation (Max)-Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm) | Package | 8-DIP (0.300", 7.62mm) |
| Voltage - Isolation 2500Vrms Current Transfer Ratio (Min) 19% @ 16mA Current Transfer Ratio (Max) 50% @ 16mA Turn On / Turn Off Time (Typ) 450ns, 500ns Rise / Fall Time (Typ) - Input Type DC Output Type Transistor with Base Voltage - Output (Max) 20V Current - Output / Channel 8mA Voltage - Forward (Vf) (Typ) 1.45V Current - DC Forward (If) (Max) 25mA Vec Saturation (Max) - Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) | Series | - |
| Current Transfer Ratio (Min) 19% @ 16mA Current Transfer Ratio (Max) 50% @ 16mA Turn On / Turn Off Time (Typ) 450ns, 500ns Rise / Fall Time (Typ) - Input Type DC Output Type Transistor with Base Voltage - Output (Max) 20V Current - Output / Channel 8mA Voltage - Forward (Vf) (Typ) 1.45V Current - DC Forward (If) (Max) 25mA Vole Saturation (Max) - Operating Temperature -55°C ~ 100°C Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) | Number of Channels | 1 |
| Current Transfer Ratio (Max)50% @ 16mATurn On / Turn Off Time (Typ)450ns, 500nsRise / Fall Time (Typ)-Input TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)20VCurrent - Output / Channel8mAVoltage - Forward (Vf) (Typ)1.45VCurrent - DC Forward (If) (Max)25mAVe Saturation (Max)-Operating Temperature-55°C ~ 100°CMounting Type8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | Voltage - Isolation | 2500Vrms |
| Turn On / Turn Off Time (Typ)450ns, 500nsRise / Fall Time (Typ)-Input TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)20VCurrent - Output / Channel8mAVoltage - Forward (Vf) (Typ)1.45VCurrent - DC Forward (If) (Max)25mAVes Saturation (Max)-Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | Current Transfer Ratio (Min) | 19% @ 16mA |
| Rise / Fall Time (Typ)-Input TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)20VCurrent - Output / Channel8mAVoltage - Forward (Vf) (Typ)1.45VCurrent - DC Forward (If) (Max)25mAVes Saturation (Max)-Operating Temperature65°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | Current Transfer Ratio (Max) | 50% @ 16mA |
| Input TypeDCOutput TypeTransistor with BaseVoltage - Output (Max)20VCurrent - Output / Channel8mAVoltage - Forward (Vf) (Typ)1.45VCurrent - DC Forward (If) (Max)25mAVce Saturation (Max)-Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm) | Turn On / Turn Off Time (Typ) | 450ns, 500ns |
| Output TypeTransistor with BaseVoltage - Output (Max)20VCurrent - Output / Channel8mAVoltage - Forward (Vf) (Typ)1.45VCurrent - DC Forward (If) (Max)25mAVce Saturation (Max)-Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | Rise / Fall Time (Typ) | - |
| Yoltage - Output (Max)20VCurrent - Output / Channel8mAVoltage - Forward (Vf) (Typ)1.45VCurrent - DC Forward (If) (Max)25mAVce Saturation (Max)-Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | Input Type | DC |
| Current - Output / Channel8mAVoltage - Forward (Vf) (Typ)1.45VCurrent - DC Forward (If) (Max)25mAVce Saturation (Max)-Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | Output Type | Transistor with Base |
| Voltage - Forward (Vf) (Typ)1.45VCurrent - DC Forward (If) (Max)25mAVce Saturation (Max)-Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | Voltage - Output (Max) | 20V |
| Current - DC Forward (If) (Max)25mAVce Saturation (Max)-Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | Current - Output / Channel | 8mA |
| Vce Saturation (Max)-Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | Voltage - Forward (Vf) (Typ) | 1.45V |
| Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | Current - DC Forward (If) (Max) | 25mA |
| Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | Vce Saturation (Max) | - |
| Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP | Operating Temperature | -55°C ~ 100°C |
| Supplier Device Package 8-DIP | Mounting Type | Through Hole |
| | Package / Case | 8-DIP (0.300", 7.62mm) |
| Report errors? | Supplier Device Package | 8-DIP |
| | | Report errors? |

6N136V Guarantees



If you have any question about 6N136V, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com