

# **CNY17F2300W**

## **CNY17F2300W Information**

www.heisener.com	 CNY17F2300W Fairchild/ON Semiconductor Isolators Optoisolators - Transistor, Photovoltaic Output OPTOISOLATOR 5.3KV TRANS 6-DIP 6-DIP (0.400", 10.16mm) 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.



# **CNY17F2300W Specifications**

ManufacturerFairchild/ON SemiconductorCategoryIsolatorsPackageOptoisolators - Transistor, Photovoltaic OutputPackage6-DIP (0.400", 10.16mm)Series-Number of Channels1Voltage - IsolationS300 VrmsCurrent Transfer Ratio (Man)63% @ 10mACurrent Transfer Ratio (Max)125% @ 10mACurrent Transfer Ratio (Max)2µs, 3µsRise / Fall Time (Typ)JusBise / Fall Time (Typ)1µs, 2µsOutput TypeDCOutput Type50mAVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)00mAOperating Temperature-55° C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP		
CategoryIsolatorsOptoisolators - Transistor, Photovoltaic OutputPackage6-DIP (0.400°, 10.16mm)Package-Series-Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)63% @ 10mACurrent Transfer Ratio (Max)125% @ 10mACurrent Transfer Ratio (Max)125% @ 10mATurn On / Turn Off Time (Typ)2µs, 3µsRise / Fall Time (Typ)1µs, 2µsNotage - Output (Max)70VOutput Type50mAVoltage - Output (Max)1.35VCurrent - Output / Channel1.35VCurrent - DC Forward (If) (Max)100mAVoltage - Forward (If) (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400°, 10.16mm)Supplier Device Package6-DIP	Manufacturer Part Number	CNY17F2300W
Optioisolators - Transistor, Photovoltaic OutputPackage6-DIP (0.400", 10.16mm)Series-Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)63% @ 10mACurrent Transfer Ratio (Max)125% @ 10mATurn On / Turn Off Time (Typ)2µs, 3µsRise / Fall Time (Typ)1µs, 2µsOutput TypeDCOutput Type70VOutput (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)100mAOptional Solow300mVOptional Solow55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Manufacturer	Fairchild/ON Semiconductor
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Series-Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)63% @ 10mACurrent Transfer Ratio (Max)125% @ 10mATurn On / Turn Off Time (Typ)2µs, 3µsRise / Fall Time (Typ)1µs, 2µsInput TypeDCOutput TypeTransistorOutput Type70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)100mAVoe Saturation (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)		Optoisolators - Transistor, Photovoltaic Output
Number of Channels1Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)63% @ 10mACurrent Transfer Ratio (Max)125% @ 10mATurn On / Turn Off Time (Typ)2µs, 3µsRise / Fall Time (Typ)DCOutput TypeTransistorOutput Type70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)100mAVoltage - Forward (If) (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Package	6-DIP (0.400", 10.16mm)
Voltage - Isolation5300VrmsCurrent Transfer Ratio (Min)63% @ 10mACurrent Transfer Ratio (Max)125% @ 10mATurn On / Turn Off Time (Typ)2µs, 3µsRise / Fall Time (Typ)1µs, 2µsInput TypeDCOutput TypeTransistorOutput Type70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)100mAVoltage - Forward (If) (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Series	-
Current Transfer Ratio (Min)63% @ 10mACurrent Transfer Ratio (Max)125% @ 10mATurn On / Turn Off Time (Typ)2µs, 3µsRise / Fall Time (Typ)1µs, 2µsInput TypeDCOutput TypeTransistorOutput Type70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)100mAVole Saturation (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Number of Channels	1
Current Transfer Ratio (Max)125% @ 10mATurn On / Turn Off Time (Typ)2µs, 3µsRise / Fall Time (Typ)1µs, 2µsInput TypeDCOutput TypeTransistorOutput Type70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)100mAVce Saturation (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Voltage - Isolation	5300Vrms
Turn On / Turn Off Time (Typ)2µs, 3µsRise / Fall Time (Typ)1µs, 2µsInput TypeDCOutput TypeTransistorOutput Quart (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)100mAVce Saturation (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Current Transfer Ratio (Min)	63% @ 10mA
Rise / Fall Time (Typ)Iµs, 2µsInput TypeDCOutput TypeTransistorVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)100mAVce Saturation (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Current Transfer Ratio (Max)	125% @ 10mA
Input TypeDCOutput TypeTransistorVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)100mAVce Saturation (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)	Turn On / Turn Off Time (Typ)	2µs, 3µs
Output TypeTransistorVoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)100mAVce Saturation (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)	Rise / Fall Time (Typ)	1µs, 2µs
Yoltage - Output (Max)70VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)100mAVce Saturation (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Input Type	DC
Current - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)100mAVce Saturation (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Output Type	Transistor
Voltage - Forward (Vf) (Typ)1.35VCurrent - DC Forward (If) (Max)100mAVce Saturation (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Voltage - Output (Max)	70V
Current - DC Forward (If) (Max)100mAVce Saturation (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Current - Output / Channel	50mA
Vce Saturation (Max)300mVOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Voltage - Forward (Vf) (Typ)	1.35V
Operating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Current - DC Forward (If) (Max)	100mA
Mounting TypeThrough HolePackage / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Vce Saturation (Max)	300mV
Package / Case6-DIP (0.400", 10.16mm)Supplier Device Package6-DIP	Operating Temperature	-55°C ~ 100°C
Supplier Device Package 6-DIP	Mounting Type	Through Hole
	Package / Case	6-DIP (0.400", 10.16mm)
Report errors?	Supplier Device Package	6-DIP
report enois:		Report errors?

#### **CNY17F2300W Guarantees**



Quality Guarantees

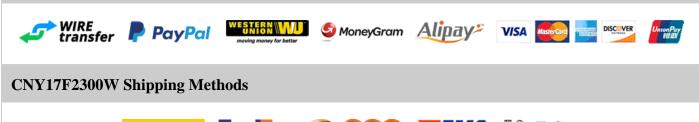
We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# 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.

## **CNY17F2300W Payment Methods**





If you have any question about CNY17F2300W, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com