

4N23TX Information



For Reference Only

Part Number 4N23TX

Manufacturer TT Electronics/Optek Technology

Category Isolators

Optoisolators - Transistor, Photovoltaic Output

Description OPTOISO 1KV TRANS W/BASE TO78-6

Package TO-78-6 Metal Can

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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4N23TX Specifications

Manufacturer Part Number Manufacturer TT Electronics/Optek Technology Isolators Optoisolators - Transistor, Photovoltaic Output Package TO-78-6 Metal Can Series Number of Channels I 1000VDC Current Transfer Ratio (Min) 60% @ 10mA Current Transfer Ratio (Max) Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) 15µs, 15µs Input Type DC Output Type DC Output Type Transistor with Base Voltage - Output (Max) SomA Voltage - Forward (Vf) (Typ) 1.3V (Max) Current - Out Forward (If) (Max) Vee Saturation (Max) Operating Temperature -65°C ~ 125°C Mounting Type Through Hole		
Category Isolators	Manufacturer Part Number	4N23TX
Optoisolators - Transistor, Photovoltaic Output	Manufacturer	TT Electronics/Optek Technology
Package TO-78-6 Metal Can Series - Number of Channels 1 Voltage - Isolation 1000VDC Current Transfer Ratio (Min) 60% @ 10mA Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) - Rise / Fall Time (Typ) 15µs, 15µs Input Type DC Output Type DC Output Type Transistor with Base Voltage - Output (Max) 35V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.3V (Max) Current - DC Forward (If) (Max) 40mA Vec Saturation (Max) 300mV Operating Temperature -65°C ~ 125°C Mounting Type Through Hole	Category	Isolators
Series - Number of Channels 1 Voltage - Isolation 1000VDC Current Transfer Ratio (Min) 60% @ 10mA Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) 15μs, 15μs Input Type DC Output Type DC Output Type Transistor with Base Voltage - Output (Max) 35V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.3V (Max) Current - DC Forward (If) (Max) 40mA Vec Saturation (Max) 300mV Operating Temperature -65°C ~ 125°C Mounting Type Through Hole		Optoisolators - Transistor, Photovoltaic Output
Number of Channels Voltage - Isolation 1000VDC Current Transfer Ratio (Min) 60% @ 10mA Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) 15µs, 15µs Input Type DC Output Type Transistor with Base Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.3V (Max) Current - DC Forward (If) (Max) Vee Saturation (Max) Operating Temperature -65°C ~ 125°C Mounting Type Timasistor 1000VDC 100mA 100mV 100mA 1000VDC 1000 10	Package	TO-78-6 Metal Can
Voltage - Isolation 1000VDC Current Transfer Ratio (Min) 60% @ 10mA Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) - Rise / Fall Time (Typ) 15μs, 15μs Input Type DC Output Type Transistor with Base Voltage - Output (Max) 35V Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.3V (Max) Current - DC Forward (If) (Max) 40mA Vce Saturation (Max) 300mV Operating Temperature -65°C ~ 125°C Mounting Type Through Hole	Series	-
Current Transfer Ratio (Min) Current Transfer Ratio (Max) Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) Input Type Output Type Output Type Transistor with Base Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.3V (Max) Current - DC Forward (If) (Max) Vec Saturation (Max) Operating Temperature Mounting Type Turn On / Turn Off Time (Typ) - Upun	Number of Channels	1
Current Transfer Ratio (Max) Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) Input Type Output Type Output Type Transistor with Base Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.3V (Max) Current - DC Forward (If) (Max) Vec Saturation (Max) Operating Temperature Mounting Type	Voltage - Isolation	1000VDC
Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) Input Type DC Output Type Transistor with Base Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.3V (Max) Current - DC Forward (If) (Max) Ves Saturation (Max) Operating Temperature Mounting Type Through Hole	Current Transfer Ratio (Min)	60% @ 10mA
Rise / Fall Time (Typ) $15\mu s$, $15\mu s$ Input Type DC Output Type Transistor with Base Voltage - Output (Max) $35V$ Current - Output / Channel $50mA$ Voltage - Forward (Vf) (Typ) $1.3V$ (Max) Current - DC Forward (If) (Max) $40mA$ Vce Saturation (Max) $300mV$ Operating Temperature $-65^{\circ}C \sim 125^{\circ}C$ Mounting Type Through Hole	Current Transfer Ratio (Max)	-
Input Type Output Type Transistor with Base Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.3V (Max) Current - DC Forward (If) (Max) Vce Saturation (Max) Operating Temperature Mounting Type DC Transistor with Base 135V 135V 40mA 130mV 40mA Through Hole	Turn On / Turn Off Time (Typ)	-
Output Type Transistor with Base Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.3V (Max) Current - DC Forward (If) (Max) Vce Saturation (Max) Operating Temperature -65°C ~ 125°C Mounting Type Transistor with Base Transistor with Base 50mA 50mA Voltage - Forward (Vf) (Typ) 1.3V (Max) 40mA Through Hole	Rise / Fall Time (Typ)	15μs, 15μs
Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.3V (Max) Current - DC Forward (If) (Max) Vce Saturation (Max) Operating Temperature Mounting Type 35V 1.3V (Max) 40mA 40mA 70mV 70ma 70ma 70mv 70ma 70ma 70ma 70ma 70ma 70ma 70ma 70m	Input Type	DC
Current - Output / Channel 50mA Voltage - Forward (Vf) (Typ) 1.3V (Max) Current - DC Forward (If) (Max) 40mA Vce Saturation (Max) 300mV Operating Temperature -65°C ~ 125°C Mounting Type Through Hole	Output Type	Transistor with Base
Voltage - Forward (Vf) (Typ) 1.3V (Max) Current - DC Forward (If) (Max) 40mA Vce Saturation (Max) Operating Temperature -65°C ~ 125°C Mounting Type Through Hole	Voltage - Output (Max)	35V
Current - DC Forward (If) (Max) 40mA Vce Saturation (Max) 300mV Operating Temperature -65°C ~ 125°C Mounting Type Through Hole	Current - Output / Channel	50mA
Vce Saturation (Max) 300mV Operating Temperature $-65 ^{\circ}\text{C} \sim 125 ^{\circ}\text{C}$ Mounting TypeThrough Hole	Voltage - Forward (Vf) (Typ)	1.3V (Max)
Operating Temperature -65°C ~ 125°C Mounting Type Through Hole	Current - DC Forward (If) (Max)	40mA
Mounting Type Through Hole	Vce Saturation (Max)	300mV
	Operating Temperature	-65°C ~ 125°C
	Mounting Type	Through Hole
Package / Case TO-78-6 Metal Can	Package / Case	TO-78-6 Metal Can
Supplier Device Package TO-78-6	Supplier Device Package	TO-78-6
Report errors?		Report errors?

4N23TX 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.

4N23TX Payment Methods



















4N23TX Shipping Methods













If you have any question about 4N23TX, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com