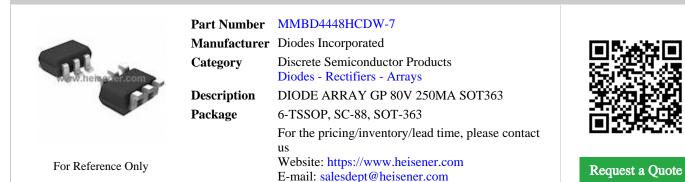


# MMBD4448HCDW-7

#### MMBD4448HCDW-7 Information



### **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.



## MMBD4448HCDW-7 Specifications

Manufacturer Part Number MMBD4448HCDW-7   Manufacturer Diodes Incorporated   Category Discret Semiconductor Products   Diodes - Rectifiers - Arrays Diodes - Rectifiers - Arrays   Package 6-TSSOP, SC-88, SOT-363   Series -   Diode Configuration 2 Pair Common Cathode   Diode Type Standard   Voltage - DC Reverse (Vr) (Max) 80V   Current - Average Rectified (Io) (per Diode) 250mA   Speed Fast Recovery =< 500ms, > 200mA (Io)   Reverse Recovery Time (trr) 4ns   Operating Temperature - Junction 6-5°C ~ 150°C   Mounting Type Surface Mount   Package / Case 6-TSSOP, SC-88, SOT-363   Supplier Device Package SOT-363		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysPackage6-TSSOP, SC-88, SOT-363Series-Diode Configuration2 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io) (per Diode)250mAVoltage - Forward (Vf) (Max) @ If1.25V @ 150mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 70VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363	Manufacturer Part Number	MMBD4448HCDW-7
Diodes - Rectifiers - ArraysPackage6-TSSOP, SC-88, SOT-363Series-Diode Configuration2 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io) (per Diode)250mAVoltage - Forward (Vf) (Max) @ If1.25V @ 150mASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 70VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363	Manufacturer	Diodes Incorporated
Package6-TSSOP, SC-88, SOT-363Series-Diode Configuration2 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io) (per Diode)250mAVoltage - Forward (Vf) (Max) @ If1.25V @ 150mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 70VOperating Temperature - JunctionSor 26°C ~ 150°CMounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363	Category	Discrete Semiconductor Products
Series-Diode Configuration2 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io) (per Diode)250mAVoltage - Forward (Vf) (Max) @ If1.25V @ 150mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 70VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363		Diodes - Rectifiers - Arrays
Diode Configuration2 Pair Common CathodeDiode TypeStandardVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io) (per Diode)250mAVoltage - Forward (Vf) (Max) @ If1.25V @ 150mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 70VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363	Package	6-TSSOP, SC-88, SOT-363
Diode TypeStandardDiode TypeStandardVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io) (per Diode)250mAVoltage - Forward (Vf) (Max) @ If1.25V @ 150mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 70VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363	Series	-
Voltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io) (per Diode)250mAVoltage - Forward (Vf) (Max) @ If1.25V @ 150mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 70VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363	Diode Configuration	2 Pair Common Cathode
Current - Average Rectified (Io) (per Diode)250mAVoltage - Forward (Vf) (Max) @ If1.25V @ 150mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 70VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If1.25V @ 150mASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 70VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363	Voltage - DC Reverse (Vr) (Max)	80V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 70VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363	Current - Average Rectified (Io) (per Diode)	250mA
Reverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 70VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363	Voltage - Forward (Vf) (Max) @ If	1.25V @ 150mA
Current - Reverse Leakage @ Vr100nA @ 70VOperating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Operating Temperature - Junction-65°C ~ 150°CMounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363	Reverse Recovery Time (trr)	4ns
Mounting TypeSurface MountPackage / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363	Current - Reverse Leakage @ Vr	100nA @ 70V
Package / Case6-TSSOP, SC-88, SOT-363Supplier Device PackageSOT-363	Operating Temperature - Junction	-65°C ~ 150°C
Supplier Device Package SOT-363	Mounting Type	Surface Mount
	Package / Case	6-TSSOP, SC-88, SOT-363
Report errors?	Supplier Device Package	SOT-363
		Report errors?

### MMBD4448HCDW-7 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.

### MMBD4448HCDW-7 Payment Methods





If you have any question about MMBD4448HCDW-7, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com