

# **CDBB1100-G**

### **CDBB1100-G 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.



# **CDBB1100-G Specifications**

ManufacturerComchip TechnologyCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 100VCapacitance @ Vr, F-Mouning TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction125°C (Max)		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)-Current - Reverse Leakage @ Vr500µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction125°C (Max)	Manufacturer Part Number	CDBB1100-G
Diodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction125°C (Max)	Manufacturer	Comchip Technology
PackageDO-214AA, SMBSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction125°C (Max)	Category	Discrete Semiconductor Products
Series-Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device Package125°C (Max)		Diodes - Rectifiers - Single
Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageIDO-214AA (SMB)Operating Temperature - Junction125°C (Max)	Package	DO-214AA, SMB
Voltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction125°C (Max)	Series	-
Current - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction125°C (Max)	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If850mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction125°C (Max)	Voltage - DC Reverse (Vr) (Max)	100V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction125°C (Max)	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction125°C (Max)	Voltage - Forward (Vf) (Max) @ If	850mV @ 1A
Current - Reverse Leakage @ Vr500µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction125°C (Max)	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction125°C (Max)	Reverse Recovery Time (trr)	-
Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction125°C (Max)	Current - Reverse Leakage @ Vr	500µA @ 100V
Package / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction125°C (Max)	Capacitance @ Vr, F	-
Supplier Device PackageDO-214AA (SMB)Operating Temperature - Junction125°C (Max)	Mounting Type	Surface Mount
Operating Temperature - Junction 125°C (Max)	Package / Case	DO-214AA, SMB
	Supplier Device Package	DO-214AA (SMB)
Report errors?	Operating Temperature - Junction	125°C (Max)
		Report errors?

#### **CDBB1100-G 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

#### **Service Guarantees**

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

#### **CDBB1100-G Payment Methods**



# **CDBB1100-G Shipping Methods**



If you have any question about CDBB1100-G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com