

# XC6808B4E28R-G

#### XC6808B4E28R-G Information

Heisener.com	 XC6808B4E28R-G Torex Semiconductor Ltd Integrated Circuits (ICs) PMIC - Battery Chargers 4.20V / 4.35V / 4.40V SINGLE CEL 6-XDFN Exposed Pad For the pricing/inventory/lead time, please contact	
For Reference Only	us 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.



### XC6808B4E28R-G Specifications

ManufacturerTorex Semiconductor LtdCategoryIntegrated Circuits (ICs)PMIC - Battery ChargersPackage6-XDFN Exposed PadSeriesXC680xBattery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammablePodter of Current, Over Temperature, Reverse CurrentFault ProtectionOver Current, Over Temperature, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.4VVoltage - Supply (Max)6VOperating Temperature-Operating Temperature-Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-XDFN Exposed PadSupplier Device Package6-XDFN Exposed Pad			
CategoryIntegrated Circuits (ICs)PMIC - Battery ChargersPackage6-XDFN Exposed PadSeriesXC680xBattery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesCurrent, Over Temperature, Reverse CurrentFault ProtectionOver Current, Over Temperature, Reverse CurrentCharge Current - Max44VBattery Dack Voltage4.4VVoltage - Supply (Max)6VOperating Temperature-Operating Temperature-Product Type-Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Manufacturer Part Number	XC6808B4E28R-G	
PMIC - Battery ChargersPackage6-XDFN Exposed PadSeriesXC680xBattery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammablePogrammable FeaturesCurrentFault ProtectionOver Current, Over Temperature, Reverse CurrentCharge Current - Max4/4VVoltage - Supply (Max)6VInterface-Operating Temperature4/0°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Manufacturer	Torex Semiconductor Ltd	
Package6-XDFN Exposed PadSeriesXC680xBattery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesCurrentFault ProtectionOver Current, Over Temperature, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.4VVoltage - Supply (Max)6VInterface-Operating TemperatureSurface MountMounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Category	Integrated Circuits (ICs)	
SeriesXC680xBattery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesCurrentFault ProtectionOver Current, Over Temperature, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.4VVoltage - Supply (Max)6VInterface-Operating Temperature4.0°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)		PMIC - Battery Chargers	
Battery ChemistryLithium Ion/PolymerBattery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesCurrentFault ProtectionOver Current, Over Temperature, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.4VVoltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Package	6-XDFN Exposed Pad	
Number of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesCurrentFault ProtectionOver Current, Over Temperature, Reverse CurrentCharge Current - Max4/0Battery Pack Voltage6/VVoltage - Supply (Max)6/VOperating Temperature-Operating TemperatureSurface MountMounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Series	XC680x	
Current - ChargingConstant - ProgrammableProgrammable FeaturesCurrentFault ProtectionOver Current, Over Temperature, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.4VVoltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Battery Chemistry	Lithium Ion/Polymer	
Programmable FeaturesCurrentFault ProtectionOver Current, Over Temperature, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.4VVoltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Number of Cells	1	
Fault ProtectionOver Current, Over Temperature, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.4VVoltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Current - Charging	Constant - Programmable	
Charge Current - Max40mABattery Pack Voltage4.4VVoltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Programmable Features	Current	
Battery Pack Voltage4.4VBattery Pack Voltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Fault Protection	Over Current, Over Temperature, Reverse Current	
Voltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Charge Current - Max	40mA	
Interface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Battery Pack Voltage	4.4V	
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Voltage - Supply (Max)	6V	
Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Interface	-	
Package / Case6-XDFN Exposed PadSupplier Device Package6-USP-B07 (1.8x2)	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package6-USP-B07 (1.8x2)	Mounting Type	Surface Mount	
	Package / Case	6-XDFN Exposed Pad	
Dependence of the second se	Supplier Device Package	6-USP-B07 (1.8x2)	
Report errors?			Report errors?

#### XC6808B4E28R-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 Guarantees**

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

### XC6808B4E28R-G Payment Methods



If you have any question about XC6808B4E28R-G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com