

# XC6805B4E14R-G

#### **XC6805B4E14R-G Information**

Heisener.com Distail terrice statistier	 XC6805B4E14R-G Torex Semiconductor Ltd Integrated Circuits (ICs) PMIC - Battery Chargers ONE CELL LI-ION/LI-POLYMER LINEA 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.



### XC6805B4E14R-G Specifications

ManufacturerTorex Semiconductor LtdCategoryIntegrated Circuits (ICs)PMIC - Battery ChargersPackage6-XDFN Exposed PadSeriesXC680xBattery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammablePault ProtectionOver Current, Over Temperature, Over Voltage, Reverse CurrentFault ProtectionOver Current, Over Temperature, Over Voltage, Reverse CurrentNutage - Supply (Max)6VJoptaning Temperature-Operating Temperature-Operating Temperature-Mounting TypeSurface MountPackage / Case6-XDFN Exposed Pad			
CategoryIntegrated Circuits (ICs)PMIC - Battery ChargersPackage6-XDFN Exposed PadSeriesXC680xBattery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammablePogrammable FeaturesCurrent, Over Temperature, Over Voltage, Reverse CurrentFault ProtectionOver Current, Over Temperature, Over Voltage, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.2VVoltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Manufacturer Part Number	XC6805B4E14R-G	
PMIC - Battery ChargersPackage6-XDFN Exposed PadSeriesXC680xBattery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesCurrentSeries Current - MaxOver Current, Over Temperature, Over Voltage, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.2VVoltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Manufacturer	Torex Semiconductor Ltd	
Package6-XDFN Exposed PadSeriesXC680xBattery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesCurrentFault ProtectionOver Current, Over Temperature, Over Voltage, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.2VVoltage - Supply (Max)6VInterface-Operating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Category	Integrated Circuits (ICs)	
SeriesXC680xBattery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesCurrentFault ProtectionOver Current, Over Temperature, Over Voltage, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.2VVoltage - Supply (Max)6VInterface-Operating Temperature440°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)		PMIC - Battery Chargers	
Battery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesCurrentFault ProtectionOver Current, Over Temperature, Over Voltage, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.2VVoltage - Supply (Max)6VInterface-Operating Temperature4.0°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Package	6-XDFN Exposed Pad	
Number of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesCurrentFault ProtectionOver Current, Over Temperature, Over Voltage, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.2VVoltage - Supply (Max)6VInterface-Operating Temperaturesurface MountMounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Series	XC680x	
Current - ChargingConstant - ProgrammableProgrammable FeaturesCurrentFault ProtectionOver Current, Over Temperature, Over Voltage, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.2VVoltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Battery Chemistry	Lithium Ion/Polymer	
Programmable FeaturesCurrentFault ProtectionOver Current, Over Temperature, Over Voltage, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.2VVoltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Number of Cells	1	
Fault ProtectionOver Current, Over Temperature, Over Voltage, Reverse CurrentCharge Current - Max40mABattery Pack Voltage4.2VVoltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Current - Charging	Constant - Programmable	
Charge Current - Max40mABattery Pack Voltage4.2VVoltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Programmable Features	Current	
Battery Pack Voltage4.2VVoltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Fault Protection	Over Current, Over Temperature, Over Voltage, Reverse Current	
Voltage - Supply (Max)6VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Charge Current - Max	40mA	
Interface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Battery Pack Voltage	4.2V	
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Voltage - Supply (Max)	6V	
Mounting TypeSurface MountPackage / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Interface	-	
Package / Case6-XDFN Exposed PadSupplier Device Package6-USPEL (1.8x2)	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package6-USPEL (1.8x2)	Mounting Type	Surface Mount	
	Package / Case	6-XDFN Exposed Pad	
Report errors?	Supplier Device Package	6-USPEL (1.8x2)	
			Report errors?

#### XC6805B4E14R-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.

## XC6805B4E14R-G Payment Methods



If you have any question about XC6805B4E14R-G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com