

## ISL9220IRTZ-T7AS2758

#### ISL9220IRTZ-T7AS2758 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.



#### ISL9220IRTZ-T7AS2758 Specifications

CategoryIntegrated Circuits (ICs)PackagePMIC - Battery ChargersPackage20-WFQFN Exposed PadSeries-Battery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammablePogrammable FeaturesTimerFault ProtectionOver Temperature, Short CircuitCharge Current - Max2ABattery Pack Voltage4.2VVoltage - Supply (Max)14VInterface-Operating Temperature-Mounting TypeSurface Mount		
CategoryIntegrated Circuits (ICs)PMIC - Battery ChargersPackage20-WFQFN Exposed PadSeries-Battery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesTimerFault ProtectionOver Temperature, Short CircuitCharge Current - Max2ABattery Dexk Voltage4.2VVoltage - Supply (Max)14VInterface-Operating TemperatureSore CircA)Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-WFQFN Exposed Pad	Manufacturer Part Number	ISL9220IRTZ-T7AS2758
IndextedPMIC - Battery ChargersPackage20-WFQFN Exposed PadSeries-Battery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesTimerFault ProtectionOver Temperature, Short CircuitCharge Current - Max2ABattery Pack Voltage4.2VVoltage - Supply (Max)14VInterface-Operating Temperature4.0°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)	Manufacturer	Renesas Electronics America
Package20-WFQFN Exposed PadSeries-Battery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesTimerFault ProtectionOver Temperature, Short CircuitCharge Current - Max2ABattery Pack Voltage4.2VVoltage - Supply (Max)14VInterface-Operating Temperature-Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)	Category	Integrated Circuits (ICs)
Series-Battery ChemistryLithium Ion/PolymerNumber of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesTimerFault ProtectionOver Temperature, Short CircuitCharge Current - Max2ABattery Pack Voltage4.2VVoltage - Supply (Max)14VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)		PMIC - Battery Chargers
Battery ChemistryLithium Ion/PolymerBattery Chemistry1Number of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesTimerFault ProtectionOver Temperature, Short CircuitCharge Current - Max2ABattery Pack Voltage4.2VVoltage - Supply (Max)14VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)	Package	20-WFQFN Exposed Pad
Number of Cells1Current - ChargingConstant - ProgrammableProgrammable FeaturesTimerFault ProtectionOver Temperature, Short CircuitCharge Current - Max2ABattery Pack Voltage4.2VVoltage - Supply (Max)14VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)	Series	-
Current - ChargingConstant - ProgrammableProgrammable FeaturesTimerFault ProtectionOver Temperature, Short CircuitCharge Current - Max2ABattery Pack Voltage4.2VVoltage - Supply (Max)14VInterface-Operating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)	Battery Chemistry	Lithium Ion/Polymer
Programmable FeaturesTimerFault ProtectionOver Temperature, Short CircuitCharge Current - Max2ABattery Pack Voltage4.2VVoltage - Supply (Max)14VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)	Number of Cells	1
Fault ProtectionOver Temperature, Short CircuitCharge Current - Max2ABattery Pack Voltage4.2VVoltage - Supply (Max)14VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)	Current - Charging	Constant - Programmable
Charge Current - Max2ABattery Pack Voltage4.2VVoltage - Supply (Max)14VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)	Programmable Features	Timer
Battery Pack Voltage4.2VVoltage - Supply (Max)14VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)	Fault Protection	Over Temperature, Short Circuit
Yoltage - Supply (Max)14VInterface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)	Charge Current - Max	2A
Interface-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)	Battery Pack Voltage	4.2V
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)	Voltage - Supply (Max)	14V
Mounting TypeSurface MountPackage / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)	Interface	-
Package / Case20-WFQFN Exposed PadSupplier Device Package20-TQFN (4x4)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package20-TQFN (4x4)	Mounting Type	Surface Mount
	Package / Case	20-WFQFN Exposed Pad
Report errors?	Supplier Device Package	20-TQFN (4x4)
		Report errors?

#### ISL9220IRTZ-T7AS2758 Guarantees



**Quality Guarantees** 

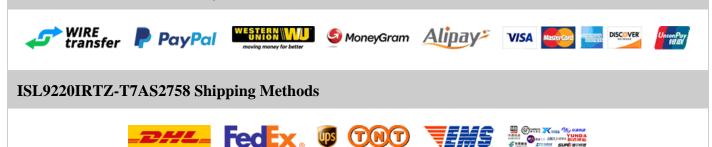
We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE BUARANTEE

#### **Service Guarantees**

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

#### ISL9220IRTZ-T7AS2758 Payment Methods



If you have any question about ISL9220IRTZ-T7AS2758, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com