



### **BD750L2FP3-CE2 Information**



For Reference Only

Part Number BD750L2FP3-CE2

Manufacturer Rohm Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 5V 200MA SOT223-4F

Package TO-261-4, TO-261AA

For the pricing/inventory/lead time, please contact

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.









## **BD750L2FP3-CE2 Specifications**

Manufacturer Part Number         BD750L2FP3-CE2           Manufacturer         Rohm Semiconductor           Category         Integrated Circuits (ICs)           Package         TO-261-4, TO-261AA           Series         Automotive, AEC-Q100           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         45V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage - Output (Max)         0.7V @ 200mA           Current - Output         200mA           Current - Supply (Max)         6µA ~ 15µA           PSRR         60dB (120Hz)           Control Features         -           Protection Features         Over Current, Over Temperature           Operating Temperature         40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-261-4, TO-261AA           Supplier Device Package         SOT-223-4F	•	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         TO-261-4, TO-261AA           Series         Automotive, AEC-Q100           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         45V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.7V @ 200mA           Current - Output         200mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         6μA ~ 15μA           PSRR         60dB (120Hz)           Control Features         -           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-261-4, TO-261AA           Supplier Device Package         SOT-223-4F	Manufacturer Part Number	BD750L2FP3-CE2
Package         TO-261-4, TO-261AA           Series         Automotive, AEC-Q100           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         45V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.7V @ 200mA           Current - Output         200mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         6μA ~ 15μA           PSRR         60dB (120Hz)           Control Features         -           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-261-4, TO-261AA           Supplier Device Package         SOT-223-4F	Manufacturer	Rohm Semiconductor
Package         TO-261-4, TO-261AA           Series         Automotive, AEC-Q100           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         45V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.7V @ 200mA           Current - Output         200mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         6µA ~ 15µA           PSRR         60dB (120Hz)           Control Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-261-4, TO-261AA           Supplier Device Package         SOT-223-4F	Category	Integrated Circuits (ICs)
SeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max) $45V$ Voltage - Output (Min/Fixed) $5V$ Voltage - Output (Max)-Voltage Dropout (Max) $0.7V @ 200mA$ Current - Output $200mA$ Current - Quiescent (Iq)-Current - Supply (Max) $6\mu A \sim 15\mu A$ PSRR $60dB (120Hz)$ Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4F		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.7V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)6μA ~ 15μAPSRR60dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4F	Package	TO-261-4, TO-261AA
Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         45V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.7V @ 200mA           Current - Output         200mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         6μA ~ 15μA           PSRR         60dB (120Hz)           Control Features         -           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-261-4, TO-261AA           Supplier Device Package         SOT-223-4F	Series	Automotive, AEC-Q100
Number of Regulators       1         Voltage - Input (Max)       45V         Voltage - Output (Min/Fixed)       5V         Voltage - Output (Max)       -         Voltage Dropout (Max)       0.7V @ 200mA         Current - Output       200mA         Current - Quiescent (Iq)       -         Current - Supply (Max)       6μA ~ 15μA         PSRR       60dB (120Hz)         Control Features       -         Protection Features       Over Current, Over Temperature         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount         Package / Case       TO-261-4, TO-261AA         Supplier Device Package       SOT-223-4F	Output Configuration	Positive
Voltage - Input (Max) $45V$ Voltage - Output (Min/Fixed) $5V$ Voltage - Output (Max) $-$ Voltage Dropout (Max) $0.7V @ 200mA$ Current - Output $200mA$ Current - Quiescent (Iq) $-$ Current - Supply (Max) $6\mu A \sim 15\mu A$ PSRR $60dB (120Hz)$ Control Features $-$ Protection Features $-$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case $TO-261-4$ , $TO-261AA$ Supplier Device Package $SOT-223-4F$	Output Type	Fixed
Voltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.7V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)6μA ~ 15μAPSRR60dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4F	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.7V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max) $6\mu$ A ~ 15μAPSRR $60dB (120Hz)$ Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature- $40^{\circ}$ C ~ $125^{\circ}$ CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4F	Voltage - Input (Max)	45V
Voltage Dropout (Max) $0.7V @ 200mA$ Current - Output $200mA$ Current - Quiescent (Iq) - Current - Supply (Max) $6\mu A \sim 15\mu A$ FSRR $60dB (120Hz)$ Control Features - Protection Features Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount Package / Case $TO-261-4$ , $TO-261AA$ Supplier Device Package	Voltage - Output (Min/Fixed)	5V
Current - Output $200 mA$ Current - Quiescent (Iq)-Current - Supply (Max) $6\mu A \sim 15\mu A$ PSRR $60 dB (120 Hz)$ Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4F	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max) $6\mu A \sim 15\mu A$ PSRR $60dB (120Hz)$ Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-4F	Voltage Dropout (Max)	0.7V @ 200mA
Current - Supply (Max) $6\mu A \sim 15\mu A$ $60dB (120Hz)$ Control Features -   Protection Features Over Current, Over Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA   Supplier Device Package SOT-223-4F	Current - Output	200mA
PSRR 60dB (120Hz)  Control Features -  Protection Features Over Current, Over Temperature  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case TO-261-4, TO-261AA  Supplier Device Package SOT-223-4F	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223-4F	Current - Supply (Max)	6μΑ ~ 15μΑ
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223-4F	PSRR	60dB (120Hz)
Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case TO-261-4, TO-261AA  Supplier Device Package SOT-223-4F	Control Features	-
Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223-4F	Protection Features	Over Current, Over Temperature
Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223-4F	Operating Temperature	-40°C ~ 125°C
Supplier Device Package SOT-223-4F	Mounting Type	Surface Mount
	Package / Case	TO-261-4, TO-261AA
Report errors?	Supplier Device Package	SOT-223-4F
		Report errors?

#### **BD750L2FP3-CE2 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.

## **BD750L2FP3-CE2 Payment Methods**



















### **BD750L2FP3-CE2 Shipping Methods**













If you have any question about BD750L2FP3-CE2, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com