

AS1375-BTDT-18

AS1375-BTDT-18 Information

WWW.balsaker.com	Part Number Manufacturer Category Description Package	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LINEAR 1.8V 200MA 6TDFN 6-UFDFN 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

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AS1375-BTDT-18 Specifications

Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Output2µAPSRR85dB ~ 50dB (1kHz ~ 100kHz)Control FeaturesGover Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6.TDFN Exposed PadSupplier Device Package6.TDFN Exposed Pad				
CategoryIntegrated Circuits (ICS)PMIC - Voltage Regulators - LinearPackage6-UFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Min/Fixed)-Voltage Output (Max)-Current - Output00mACurrent - Output2µAVoltage Seature5.50K (IrLE ~ 100kHz)Current - Output00mACurrent - Output9µAPSRRSdB ~ 50dB (IrLE ~ 100kHz)Control FeaturesNove Current, Ouver Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case6.UFDFN Exposed PadSupplier Device Package6.TDFN (2x2)	Manufacturer Part Number	AS1375-BTDT-18		
PMIC - Voltage Regulators - LinearPackage6-UFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)-Current - Output200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)2µAPSRR85dB ~ 50dB (1kHz ~ 100kHz)Control FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Manufacturer	ams		
Package6-UFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Output200mACurrent - Supply (Max)2µAPSRRSodB CodB (IkHz ~ 100kHz)Control FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 85°CMounting TypeSufface MountPackage / Case6-UEFN Exposed PadSupplier Device Package6-TDFN (2x2)	Category	Integrated Circuits (ICs)		
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Output2µAPSRR85dB ~ 50dB (1kHz ~ 100kHz)Control FeaturesGover Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6.TDFN Exposed PadSupplier Device Package6.TDFN Exposed Pad		PMIC - Voltage Regulators - Linear		
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Output200mACurrent - Supply (Max)-ØBA5.5VVoltage Dropout (Max)-Output Current - Supply (Max)-ØLTAPStol S - 50d B (1kHz ~ 100kHz)Portection FeaturesSodB ~ 50d B (1kHz ~ 100kHz)Operating Temperature-Mounting Type-Adv°c ~ 85°CSurface MountProkage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Package	6-UFDFN Exposed Pad		
NumberFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-Qurent - Supply (Max)2µAPSRRSold B - 50dB (1kHz ~ 100kHz)Control FeaturesEnableProtection Features-40°C ~ 85°CMounting TypeSufface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Series	-		
Number of Regulators1Number of Regulators1.8VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-2µAPSRR85dB ~ 50dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Output Configuration	Positive		
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)2µAPSRR85dB ~ 50dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Output Type	Fixed		
Voltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)2µAPSRR85dB ~ 50dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Number of Regulators	1		
Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)2µAPSRR85dB ~ 50dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Voltage - Input (Max)	5.5V		
Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)2μAPSRR85dB ~ 50dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating TemperatureSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Voltage - Output (Min/Fixed)	1.8V		
Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)2μAPSRR85dB ~ 50dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Voltage - Output (Max)	-		
Current - Quiescent (Iq)-Current - Supply (Max)2μAPSRR85dB ~ 50dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Voltage Dropout (Max)	-		
Current - Supply (Max)2μAPSRR85dB ~ 50dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Current - Output	200mA		
PSRR85dB ~ 50dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Current - Quiescent (Iq)	-		
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Current - Supply (Max)	2μΑ		
Protection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	PSRR	85dB ~ 50dB (1kHz ~ 100kHz)		
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Control Features	Enable		
Mounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Protection Features	Over Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)		
Package / Case6-UFDFN Exposed PadSupplier Device Package6-TDFN (2x2)	Operating Temperature	ng Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$		
Supplier Device Package6-TDFN (2x2)	Mounting Type	Surface Mount		
	Package / Case	6-UFDFN Exposed Pad		
Report errors?	Supplier Device Package	6-TDFN (2x2)		
		Report errors?		

AS1375-BTDT-18 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.

AS1375-BTDT-18 Payment Methods





If you have any question about AS1375-BTDT-18, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com