

# **AS13985F30-T Information**



For Reference Only

Part Number AS13985F30-T

Manufacturer ams

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 3V 150MA 5WLCSP

Package 5-UFBGA, WLCSP

For the pricing/inventory/lead time, please contact

us

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



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# **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.









# **AS13985F30-T Specifications**

Manufacturer Part Number         AS 13985F30-T           Manufacturer         ams           Category         Integrated Circuits (ICs)           Package         5-UFBGA, WLCSP           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         5.5 V           Voltage - Output (Min/Fixed)         3V           Voltage - Output (Max)         -           Voltage - Output (Max)         0.1 V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         130µA ~ 250µA           PSRR         60dB ~ 55dB (1kHz ~ 10kHz)           Control Features         60dB ~ 55dB (1kHz ~ 10kHz)           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         5-UFBGA, WLCSP           Supplier Device Package         5-WLCSP	<b>L</b>	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         5-UFBGA, WLCSP           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.1V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         130μA ~ 250μA           PSRR         60dB ~ 55dB (1kHz ~ 10kHz)           Control Features         Enable           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         5-UFBGA, WLCSP           Supplier Device Package         5-WLCSP	Manufacturer Part Number	AS13985F30-T
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Voltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)130μA ~ 250μAPSRR60dB ~ 55dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case5-UFBGA, WLCSPSupplier Device Package5-WLCSP	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  - Current - Supply (Max)  130μA ~ 250μA  PSRR  60dB ~ 55dB (1kHz ~ 10kHz)  Control Features  Enable  Protection Features  Over Current, Over Temperature  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  Supplier Device Package	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  60dB ~ 55dB (1kHz ~ 10kHz)  Control Features  Enable  Protection Features  Operating Temperature  Operating Type  Surface Mount  Package / Case  Supplier Device Package  5-WLCSP	Voltage - Output (Min/Fixed)	3V
Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  60dB ~ 55dB (1kHz ~ 10kHz)  Control Features  Protection Features  Operating Temperature  Operating Temperature  Au°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  150mA  130μA ~ 250μA  60dB ~ 55dB (1kHz ~ 10kHz)  Enable  Over Current, Over Temperature  -40°C ~ 125°C  Surface Mount  5-UFBGA, WLCSP	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)130μA ~ 250μAPSRR60dB ~ 55dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case5-UFBGA, WLCSPSupplier Device Package5-WLCSP	Voltage Dropout (Max)	0.1V @ 150mA
Current - Supply (Max) $130\mu A \sim 250\mu A$ $PSRR \qquad \qquad 60dB \sim 55dB \ (1kHz \sim 10kHz)$ $Control \ Features \qquad \qquad Enable$ $Protection \ Features \qquad \qquad Over \ Current, \ Over \ Temperature$ $Operating \ Temperature \qquad \qquad -40^{\circ}C \sim 125^{\circ}C$ $Mounting \ Type \qquad \qquad Surface \ Mount$ $Package \ / \ Case \qquad \qquad 5-UFBGA, \ WLCSP$ $Supplier \ Device \ Package \qquad \qquad 5-WLCSP$	Current - Output	150mA
PSRR 60dB ~ 55dB (1kHz ~ 10kHz)  Control Features Enable  Protection Features Over Current, Over Temperature  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 5-UFBGA, WLCSP  Supplier Device Package 5-WLCSP	Current - Quiescent (Iq)	-
Control Features  Protection Features  Over Current, Over Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  5-UFBGA, WLCSP  Supplier Device Package	Current - Supply (Max)	$130\mu A \sim 250\mu A$
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 5-UFBGA, WLCSP Supplier Device Package 5-WLCSP	PSRR	60dB ~ 55dB (1kHz ~ 10kHz)
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Mounting Type Surface Mount Package / Case 5-UFBGA, WLCSP Supplier Device Package 5-WLCSP	Protection Features	Over Current, Over Temperature
Package / Case 5-UFBGA, WLCSP Supplier Device Package 5-WLCSP	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 5-WLCSP	Mounting Type	Surface Mount
	Package / Case	5-UFBGA, WLCSP
Report errors?	Supplier Device Package	5-WLCSP
		Report errors?

### AS13985F30-T 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.

### **AS13985F30-T Payment Methods**



















### **AS13985F30-T Shipping Methods**













If you have any question about AS13985F30-T, please do not hesitate to contact us!

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