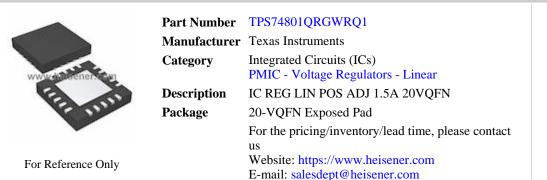


TPS74801QRGWRQ1

TPS74801QRGWRQ1 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.



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TPS74801QRGWRQ1 Specifications

Annumerian Texas Interments Anufacturer Texas Interments Adauge Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear 20-VQFN Exposed Pad ackage 20-VQFN Exposed Pad ackage Automotive, AEC-Q100 Duput Configuration Positive Adugtators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 0.8V Voltage - Output (Max) 3.6V Voltage Dropout (Max) 0.16V @ 1.5A Vortage Dropout (Max) - Vortage Negulators - Vortage Dropout (Max) - Vortage Dropout (Max) </th <th></th> <th></th>		
Areage of the second	Manufacturer Part Number	TPS74801QRGWRQ1
PMIC - Voltage Regulators - Linearackage20-VQFN Exposed PadackageAutomotive, AEC-Q100butput ConfigurationPositivebutput TypeAdjustablelumber of Regulators1roltage - Input (Max)5.5Voltage - Output (Max)0.8Vvoltage - Output (Max)3.6Vvoltage Dropout (Max)0.16V @ 1.5Acurrent - Output1.5Acurrent - Quiescent Iq)-current - Supply (Max)-SRR50dB ~ 30dB (1kHz ~ 300kHz)control FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)operating Temperature-40°C ~ 125°CAunting TypeSurface Mountackage / Case20-VQFN Exposed Pad	Manufacturer	Texas Instruments
ackage20-VQFN Exposed PaderiesAutomotive, AEC-Q100butput ConfigurationPositivebutput ConfigurationAdjustablebutput TypeAdjustablefoltage - fuput (Max)5.5Vfoltage - Output (Min/Fixed)0.8Vfoltage - Output (Max)3.6Vfoltage - Output (Max)0.16V @ 1.5Afoltage Dropout (Max)0.16V @ 1.5Afournet - Output1.5Afournet - Quiescent (Iq)-foltage Type (Max)5.00B ~ 30dB (1kHz ~ 300kHz)fortor Features50dB ~ 30dB (1kHz ~ 300kHz)fortor FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)operating Temperature4.0°C ~ 125°Cfourting TypeSurface Mountackage / Case0.4VQFN Exposed Pad	Category	Integrated Circuits (ICs)
refersAutomotive, AEC-Q100Dutput ConfigurationPositiveDutput TypeAdjustableNumber of Regulators1IS.SVVoltage - Input (Max)5.SVVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)3.6VVoltage - Output (Max)0.16V @ 1.5AVoltage Dropout (Max)0.16V @ 1.5APurrent - Output1.5APurrent - Quiescent (Iq)-Purrent - Supply (Max)-SRR50dB ~ 30dB (1kHz ~ 300kHz)Portection FeaturesEnable, Power Good, Soft StartPoperating Temperature-40°C ~ 125°CMounting TypeSurface Mountackage / Case20-VQFN Exposed Pad		PMIC - Voltage Regulators - Linear
Dutput ConfigurationPositiveAdjustableAdjustableNumber of Regulators1I5.5VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)3.6VVoltage - Output (Max)0.16V @ 1.5AVoltage Dropout (Max)0.16V @ 1.5AVurrent - Output1.5AVurrent - Quiescent (Iq)-SRR50dB ~ 30dB (1kHz ~ 300kHz)Voltage TemperaturesFouler (Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CYouting TypeSurface Mountackage / Case20-VQFN Exposed Pad	Package	20-VQFN Exposed Pad
Dutput TypeAdjustablehumber of Regulators1l5.5Vvoltage - Input (Max)5.5Vvoltage - Output (Min/Fixed)0.8Vvoltage - Output (Max)3.6Vvoltage Dropout (Max)0.16V @ 1.5Avoltage Dropout (Max)1.5Avoltage - Output (Max)-voltage - Output (Max)-voltage Dropout (Max)0.16V @ 1.5Avortent - Output-vortent - Quiescent (Iq)vortent - Supply (Max)-SRR50dB ~ 30dB (1kHz ~ 300kHz)vortection FeaturesEnable, Power Good, Soft Startvortection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)vperating Temperature-40°C ~ 125°Cvonting TypeSurface Mountackage / Case20-VQFN Exposed Pad	Series	Automotive, AEC-Q100
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)3.6VVoltage Dropout (Max)0.16V @ 1.5AVortert - Output1.5ACurrent - Output-Current - Quiescent (Iq)-SRR50dB ~ 30dB (1kHz ~ 300kHz)Control FeaturesEnable, Power Good, Soft StartPoperating Temperature-40°C ~ 125°CAunting TypeSurface MountAckage / Case20-VQFN Exposed Pad	Output Configuration	Positive
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)3.6VVoltage Dropout (Max)0.16V @ 1.5AVoltage Dropout (Max)1.5ACurrent - Output-Current - Quiescent (Iq)-Current - Supply (Max)-SRR50dB ~ 30dB (1kHz ~ 300kHz)Control FeaturesEnable, Power Good, Soft StartPoperating Temperature-40°C ~ 125°CMounting TypeSurface MountAckage / Case20-VQFN Exposed Pad	Output Type	Adjustable
Voltage - Output (Min/Fixed)0.8VVoltage - Output (Max)3.6VVoltage Dropout (Max)0.16V @ 1.5AOurrent - Output1.5AOurrent - Quiescent (Iq)-Current - Supply (Max)-SRR50dB ~ 30dB (1kHz ~ 300kHz)Control FeaturesEnable, Power Good, Soft StartOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mountackage / Case20-VQFN Exposed Pad	Number of Regulators	1
Voltage - Output (Max)3.6VVoltage Dropout (Max)0.16V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)-SRR50dB ~ 30dB (1kHz ~ 300kHz)Control FeaturesEnable, Power Good, Soft StartOperating Temperature-40°C ~ 125°CMounting TypeSurface MountAckage / Case20-VQFN Exposed Pad	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)0.16V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)-SRR50dB ~ 30dB (1kHz ~ 300kHz)Control FeaturesEnable, Power Good, Soft StartControl FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mountackage / Case20-VQFN Exposed Pad	Voltage - Output (Min/Fixed)	0.8V
Current - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)-SRR50dB ~ 30dB (1kHz ~ 300kHz)Control FeaturesEnable, Power Good, Soft StartControl FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountCackage / Case20-VQFN Exposed Pad	Voltage - Output (Max)	3.6V
Current - Quiescent (Iq)-Current - Supply (Max)-SRR50dB ~ 30dB (1kHz ~ 300kHz)Control FeaturesEnable, Power Good, Soft StartControl FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mountackage / Case20-VQFN Exposed Pad	Voltage Dropout (Max)	0.16V @ 1.5A
Current - Supply (Max)-SRR50dB ~ 30dB (1kHz ~ 300kHz)Control FeaturesEnable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountSackage / Case20-VQFN Exposed Pad	Current - Output	1.5A
SRR50dB ~ 30dB (1kHz ~ 300kHz)Control FeaturesEnable, Power Good, Soft Startrotection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mountackage / Case20-VQFN Exposed Pad	Current - Quiescent (Iq)	-
Control FeaturesEnable, Power Good, Soft Startrotection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mountackage / Case20-VQFN Exposed Pad	Current - Supply (Max)	-
rotection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mountackage / Case20-VQFN Exposed Pad	PSRR	50dB ~ 30dB (1kHz ~ 300kHz)
Operating Temperature-40°C ~ 125°CMounting TypeSurface Mountackage / Case20-VQFN Exposed Pad	Control Features	Enable, Power Good, Soft Start
Mounting Type Surface Mount ackage / Case 20-VQFN Exposed Pad	Protection Features	Over Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
ackage / Case 20-VQFN Exposed Pad	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
upplier Device Package 20-VQFN (5x5)	Package / Case	20-VQFN Exposed Pad
	Supplier Device Package	20-VQFN (5x5)
Report errors?		Report errors?

TPS74801QRGWRQ1 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.

TPS74801QRGWRQ1 Payment Methods



If you have any question about TPS74801QRGWRQ1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com