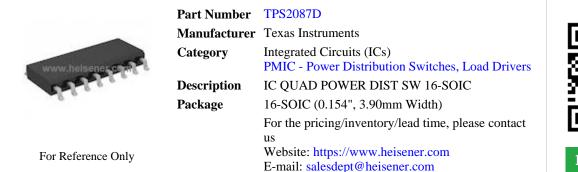


TPS2087D

TPS2087D Information





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TPS2087D Specifications

Manufacturer Part Number TPS2087D Manufacturer Texas Instruments Category Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers PMIC - Power Distribution Switches, Load Drivers Package 16-SOIC (0.154", 3.90mm Width) Series - Switch Type General Purpose Number of Outputs 4 Ratio - Input:Output 11 Output Configuration High Side Output Type No-Channel Output Type No-Channel Voltage - Load 2.7 V ~ 5.5 V Voltage - Supply (Voc/Vdd) SomA Rator Outputs SomA Rator Output function SomA Rator Output function SomA Norting SomA Status Flag SomA <th>-</th> <th></th>	-	
CategoryIntegrated Circuits (ICs)PMIC - Power Distribution Switches, Load DriversPackage16-SOIC (0.154", 3.90mm Width)Series-Switch TypeGeneral PurposeNumber of Outputs4Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelNotlage - Load0.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredOutput Type500mARaton (Typ)80 mOhmInput TypeSouth StagePackage/ CaseSatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature0.6 C (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Manufacturer Part Number	TPS2087D
PMIC - Power Distribution Switches, Load DriversPackage16-SOIC (0.154", 3.90mm Width)Series-Switch TypeGeneral PurposeNumber of Outputs4Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelNotlage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredNorder Output Max)500mARds On (Typ)80 mOhmInput TypeNon-InvertingPaturesStatus FlagFaturesStatus FlagFaturesCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature0°C ~ 125°C (TJ)Package / Case16-SOIC (0.154", 3.90mm Width)	Manufacturer	Texas Instruments
Package16-SOIC (0.154", 3.90mm Width)Series-Switch TypeGeneral PurposeNumber of Outputs4Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelNordface0/OffVoltage - Load0.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)SolmARator Output50mARator OutputSolmARot OutputStats FlagPatheresStats FlagFeaturesStats FlagPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Category	Integrated Circuits (ICs)
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Switch TypeGeneral PurposeNumber of Outputs4Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)80 mOhmInput TypeStaus FlagFeaturesSatus FlagFourper Load0°C ~ 125°C (TJ)Operating Temperature16-SOIC (0.154", 3.90mm Width)	Package	16-SOIC (0.154", 3.90mm Width)
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Voltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vd)Not RequiredCurrent - Output (Max)500mARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature0°C ~ 125°C (TJ)Package / Case16-SOIC (0.154", 3.90mm Width)	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature0°C ~ 125°C (TJ)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Interface	On/Off
Current - Output (Max)500mARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature0°C ~ 125°C (TJ)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Voltage - Load	2.7 V ~ 5.5 V
Rds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature0°C ~ 125°C (TJ)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Voltage - Supply (Vcc/Vdd)	Not Required
Input TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature0°C ~ 125°C (TJ)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Current - Output (Max)	500mA
FeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature0°C ~ 125°C (TJ)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Rds On (Typ)	80 mOhm
Fault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature0°C ~ 125°C (TJ)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Input Type	Non-Inverting
Operating Temperature0°C ~ 125°C (TJ)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Features	Status Flag
Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Fault Protection	Current Limiting (Fixed), Over Temperature, UVLO
Supplier Device Package 16-SOIC	Operating Temperature	0°C ~ 125°C (TJ)
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

TPS2087D 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.



If you have any question about TPS2087D, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com