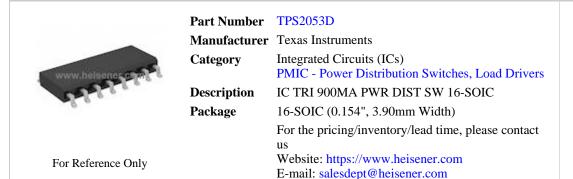


# **TPS2053D**

### **TPS2053D Information**





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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.



## **TPS2053D Specifications**

Manufacturer Part NumberTPS2053DManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)PMIC - Power Distribution Switches, Load DriversPackage16-SOIC (0.154", 3.90mm Width)Series-Switch TypeGeneral PurposeNumber of Outputs3Ratio - Input:Output12, 1:1Output ConfigurationHigh SideOutput TypeN-ChannelVoltage - Load2,7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)SomAAds On TyppSomAInput PipeSomAInput PipeSomASupple - ConfigurationSomAOutput Supply (Vcc/Vdd)SomARatio - TyppSomASupple - ConfigurationSomASupple - ConfigurationSomA <th>-</th> <th></th>	-	
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PMIC - Power Distribution Switches, Load DriversPackage16-SOIC (0.154", 3.90mm Width)Series-Switch TypeGeneral PurposeNumber of Outputs3Ratio - Input:Output1:2, 1:1Output ConfigurationHigh SideOutput TypeN-ChannelNutheraceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredQurrent - Output (Max)500mARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature40°C ~ 125°C (TJ)Package / Case16-SOIC (0.154", 3.90mm Width)	Manufacturer	Texas Instruments
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Rds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature-40°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 Temperature-40°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 Temperature-40°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 Temperature-40°C ~ 125°C (TJ)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Input Type	Non-Inverting
Operating Temperature-40°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	-40°C ~ 125°C (TJ)
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

#### **TPS2053D 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 TPS2053D, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com