



TPS2554DRCT Information



For Reference Only

Part Number TPS2554DRCT
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description IC PWR DIST SWITCH ADJ 10SON

Package 10-VFDFN Exposed Pad
For the pricing/inventory/lead time, please contact

110

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TPS2554DRCT Specifications

Series - General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load 4.5 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 2.5A Rds On (Typ) 73 mOhm Input Type - Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature, UVLO Operating Temperature - 40°C ~ 125°C (TJ) Package / Case 10-VSON (3x3)			
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Interface On/Off Voltage - Load $4.5 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 2.5 A Rds On (Typ) 73 mOhm Input Type - Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature, UVLO Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ) Package / Case 10-VSON (3x3)	Output Configuration	High Side	
Voltage - Load 4.5 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 2.5A Rds On (Typ) 73 mOhm Input Type - Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case 10-VFDFN Exposed Pad Supplier Device Package 10-VSON (3x3)	Output Type	N-Channel	
Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 2.5A Rds On (Typ) 73 mOhm Input Type - Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case 10-VFDFN Exposed Pad Supplier Device Package 10-VSON (3x3)	Interface	On/Off	
Current - Output (Max) Rds On (Typ) 73 mOhm Input Type - Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case 10-VFDFN Exposed Pad Supplier Device Package 10-VSON (3x3)	Voltage - Load	4.5 V ~ 5.5 V	
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Input Type - Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case 10-VFDFN Exposed Pad Supplier Device Package 10-VSON (3x3)	Current - Output (Max)	2.5A	
Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature, UVLO Operating Temperature -40°C ~ 125°C (TJ) Package / Case 10-VFDFN Exposed Pad Supplier Device Package 10-VSON (3x3)	Rds On (Typ)	73 mOhm	
Fault Protection Current Limiting (Adjustable), Over Temperature, UVLO Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ) Package / Case 10-VFDFN Exposed Pad Supplier Device Package 10-VSON (3x3)	Input Type	-	
Operating Temperature -40°C ~ 125°C (TJ) Package / Case 10-VFDFN Exposed Pad Supplier Device Package 10-VSON (3x3)	Features	Status Flag	
Package / Case 10-VFDFN Exposed Pad Supplier Device Package 10-VSON (3x3)	Fault Protection	Current Limiting (Adjustable), Over Temperature, UVLO	
Supplier Device Package 10-VSON (3x3)	Operating Temperature	-40°C ~ 125°C (TJ)	
	Package / Case	10-VFDFN Exposed Pad	
Report errors?	Supplier Device Package	10-VSON (3x3)	
			Report errors?

TPS2554DRCT 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.

TPS2554DRCT Payment Methods









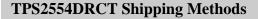
























If you have any question about TPS2554DRCT, please do not hesitate to contact us!

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