



BTS441TG Information



For Reference Only

Part Number BTS441TG

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

DescriptionIC HIGH SIDE PWR SWITCH D2PAK-5**Package**TO-263-5, D2Pak (4 Leads + Tab), TO-263BB

For the pricing/inventory/lead time, please contact

us

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



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BTS441TG Specifications

Manufacturer Part Number BTS441TG Manufacturer Infineon Technologies Category Integrated Circuits (ICs) Package TO-263-5, D2Pak (4 Leads + Tab), TO-263BB Series PROFET? Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Type N-Channel Interface On/Off Voltage - Load 4.75 V ~ 43 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 17A Rds On (Typ) 15 mOhm Input Type Non-Inverting Features - Features - Features - Package / Case TO-263-5, D2Pak (4 Leads + Tab), TO-263BB Supplier Device Package TO-263-5			
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Interface On/Off Voltage - Load 4.75 V ~ 43 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 17A Rds On (Typ) 15 mOhm Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-263-5, D2Pak (4 Leads + Tab), TO-263BB Supplier Device Package TO-263-5	Output Configuration	High Side	
Voltage - Load 4.75 V ~ 43 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 17A Rds On (Typ) 15 mOhm Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-263-5, D2Pak (4 Leads + Tab), TO-263BB Supplier Device Package TO-263-5	Output Type	N-Channel	
Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) 15 mOhm Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-263-5, D2Pak (4 Leads + Tab), TO-263BB Supplier Device Package TO-263-5	Interface	On/Off	
Current - Output (Max) Rds On (Typ) 15 mOhm Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-263-5, D2Pak (4 Leads + Tab), TO-263BB Supplier Device Package	Voltage - Load	4.75 V ~ 43 V	
Rds On (Typ)15 mOhmInput TypeNon-InvertingFeatures-Fault ProtectionCurrent Limiting (Fixed), Over Temperature, Over VoltageOperating Temperature-40°C ~ 150°C (TJ)Package / CaseTO-263-5, D2Pak (4 Leads + Tab), TO-263BBSupplier Device PackageTO-263-5	Voltage - Supply (Vcc/Vdd)	Not Required	
Input Type Non-Inverting Features - Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-263-5, D2Pak (4 Leads + Tab), TO-263BB Supplier Device Package TO-263-5	Current - Output (Max)	17A	
Features - Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-263-5, D2Pak (4 Leads + Tab), TO-263BB Supplier Device Package TO-263-5	Rds On (Typ)	15 mOhm	
Fault Protection Current Limiting (Fixed), Over Temperature, Over Voltage Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ) Package / Case TO-263-5, D2Pak (4 Leads + Tab), TO-263BB Supplier Device Package TO-263-5	Input Type	Non-Inverting	
Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-263-5, D2Pak (4 Leads + Tab), TO-263BB Supplier Device Package TO-263-5	Features	-	
Package / Case TO-263-5, D2Pak (4 Leads + Tab), TO-263BB Supplier Device Package TO-263-5	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage	
Supplier Device Package TO-263-5	Operating Temperature	$-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	
	Package / Case	TO-263-5, D2Pak (4 Leads + Tab), TO-263BB	
Report errors?	Supplier Device Package	TO-263-5	
		Report errors	?

BTS441TG 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.

BTS441TG Payment Methods



















BTS441TG Shipping Methods













If you have any question about BTS441TG, please do not hesitate to contact us!

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