



BTS621L1 Information



For Reference Only

Part Number BTS621L1

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description SWITCH DUAL CHAN PWR TO-220AB7

Package TO-220-7 (Formed Leads)

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

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BTS621L1 Specifications

Manufacturer Infineon Technologies Category Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package TO-220-7 (Formed Leads) Series PROFET? Switch Type General Purpose Number of Outputs 2 Ratio - Input:Output 1:1 Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load 5 V ~ 34 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 3.5A Rds On (Typ) 80 mOhm Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-220-7 (Formed Leads)	-	
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Output Configuration Output Type N-Channel Interface On/Off Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) Non-Inverting Features Auto Restart, Status Flag Fault Protection Operating Temperature Package / Case TO-220-7 (Formed Leads)	Number of Outputs	2
Output Type Interface On/Off Voltage - Load Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Sometimes Rds On (Typ) 80 mOhm Input Type Non-Inverting Features Fault Protection Operating Temperature -40°C ~ 150°C (TJ) Package / Case N-Channel N-Ch	Ratio - Input:Output	1:1
Interface On/Off Voltage - Load 5 V ~ 34 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 3.5A Rds On (Typ) 80 mOhm Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-220-7 (Formed Leads)	Output Configuration	High Side
Voltage - Load 5 V ~ 34 V Voltage - Supply (Vcc/Vdd) Not Required 3.5A Rds On (Typ) 80 mOhm Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-220-7 (Formed Leads)	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd) Not Required 3.5A Rds On (Typ) Non-Inverting Features Auto Restart, Status Flag Fault Protection Operating Temperature -40°C ~ 150°C (TJ) Package / Case Not Required Not Required Auto Required Open Load Detect, Over Temperature, Over Voltage TO-220-7 (Formed Leads)	Interface	On/Off
Current - Output (Max) Rds On (Typ) 80 mOhm Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-220-7 (Formed Leads)	Voltage - Load	5 V ~ 34 V
Rds On (Typ) 80 mOhm Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-220-7 (Formed Leads)	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-220-7 (Formed Leads)	Current - Output (Max)	3.5A
Features Auto Restart, Status Flag Fault Protection Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-220-7 (Formed Leads)	Rds On (Typ)	80 mOhm
Fault Protection Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage Operating Temperature -40°C ~ 150°C (TJ) Package / Case TO-220-7 (Formed Leads)	Input Type	Non-Inverting
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ Package / Case TO-220-7 (Formed Leads)	Features	Auto Restart, Status Flag
Package / Case TO-220-7 (Formed Leads)	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
	Operating Temperature	$-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$
Supplier Device Package TO-220AB/7	Package / Case	TO-220-7 (Formed Leads)
	Supplier Device Package	TO-220AB/7
Report errors?		Report errors?

BTS621L1 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.

BTS621L1 Payment Methods





















BTS621L1 Shipping Methods













If you have any question about BTS621L1, please do not hesitate to contact us!

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