



NCP337BTG Information



For Reference Only

Part Number NCP337BTG

Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

DescriptionIC MOSFET DVR**Package**6-UFBGA, WLCSP

For the pricing/inventory/lead time, please contact

us

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



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NCP337RTG	Specifications
NCISSIDIG	Specifications

Manufacturer Part Number NCP337BTG Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package 6-UFBGA, WLCSP Series - Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 1.2 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 3A Rds On (Typ) 20 Ohm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature -40°C ~ 125°C (TJ) Package / Case 6-UFBGA, WLCSP	<u>-</u>	
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Package6-UFBGA, WLCSPSeries-Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeP-ChannelInterfaceOn/OffVoltage - Load1.2 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3ARds On (Typ)20 OhmInput TypeNon-InvertingFeaturesLoad Discharge, Slew Rate ControlledFault Protection-Operating Temperature-40°C ~ 125°C (TJ)Package / Case6-UFBGA, WLCSP	Category	Integrated Circuits (ICs)
Series - Switch Type General Purpose Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 1.2 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 3A Rds On (Typ) 20 Ohm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature -40°C ~ 125°C (TJ) Package / Case		PMIC - Power Distribution Switches, Load Drivers
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Number of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeP-ChannelInterfaceOn/OffVoltage - Load1.2 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3ARds On (Typ)20 OhmInput TypeNon-InvertingFeaturesLoad Discharge, Slew Rate ControlledFault Protection-Operating Temperature-40°C ~ 125°C (TJ)Package / Case6-UFBGA, WLCSP	Series	-
Ratio - Input:Output Output Configuration High Side Output Type P-Channel Interface On/Off Voltage - Load 1.2 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 3A Rds On (Typ) 20 Ohm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Operating Temperature -40°C ~ 125°C (TJ) Package / Case 6-UFBGA, WLCSP	Switch Type	General Purpose
Output Configuration Output Type P-Channel Interface On/Off Voltage - Load 1.2 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) 20 Ohm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Operating Temperature Package / Case 6-UFBGA, WLCSP	Number of Outputs	1
Output Type P-Channel Interface On/Off Voltage - Load 1.2 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 3A Rds On (Typ) 20 Ohm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature -40°C ~ 125°C (TJ) Package / Case 6-UFBGA, WLCSP	Ratio - Input:Output	1:1
Interface On/Off Voltage - Load 1.2 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 3A Rds On (Typ) 20 Ohm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature -40°C ~ 125°C (TJ) Package / Case 6-UFBGA, WLCSP	Output Configuration	High Side
Voltage - Load 1.2 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 3A Rds On (Typ) 20 Ohm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature -40°C ~ 125°C (TJ) Package / Case 6-UFBGA, WLCSP	Output Type	P-Channel
Voltage - Supply (Vcc/Vdd) Current - Output (Max) Rds On (Typ) 20 Ohm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Operating Temperature -40°C ~ 125°C (TJ) Package / Case 6-UFBGA, WLCSP	Interface	On/Off
Current - Output (Max) Rds On (Typ) 20 Ohm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature -40°C ~ 125°C (TJ) Package / Case 6-UFBGA, WLCSP	Voltage - Load	1.2 V ~ 5.5 V
Rds On (Typ) 20 Ohm Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection Operating Temperature -40°C ~ 125°C (TJ) Package / Case 6-UFBGA, WLCSP	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature -40°C ~ 125°C (TJ) Package / Case 6-UFBGA, WLCSP	Current - Output (Max)	3A
Features Load Discharge, Slew Rate Controlled Fault Protection - Operating Temperature -40°C ~ 125°C (TJ) Package / Case 6-UFBGA, WLCSP	Rds On (Typ)	20 Ohm
Fault Protection - Graph Temperature -40°C \sim 125°C (TJ) Package / Case 6-UFBGA, WLCSP	Input Type	Non-Inverting
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$ Package / Case 6-UFBGA, WLCSP	Features	Load Discharge, Slew Rate Controlled
Package / Case 6-UFBGA, WLCSP	Fault Protection	-
	Operating Temperature	$-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$
	Package / Case	6-UFBGA, WLCSP
Supplier Device Package 6-WLCSP (1x1.5)	Supplier Device Package	6-WLCSP (1x1.5)
Report errors?		Report errors?

NCP337BTG 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.

NCP337BTG Payment Methods





















NCP337BTG Shipping Methods













If you have any question about NCP337BTG, please do not hesitate to contact us!

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