



#### LM3543M-H/NOPB Information



Part Number LM3543M-H/NOPB
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

**Description** IC PWR SWITCH TRPL HISIDE 16SOIC

**Package** 16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



Request a Quote

# **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.









# LM3543M-H/NOPB Specifications

Manufacturer Part Number         LM3543M-H/NOPB           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Package         16-SOIC (0.154", 3.90mm Width)           Series         -           Switch Type         USB Switch           Number of Outputs         3           Ratio - Input:Output         1:3           Output Configuration         High Side           Output Type         N-Channel           Interface         On/Off           Voltage - Load         2.7 V ~ 5.5 V           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         500mA           Rds On (Typ)         90 mOhm           Input Type         Non-Inverting           Features         Status Flag           Fault Protection         Current Limiting (Fixed), Over Temperature, UVLO           Operating Temperature         -40°C ~ 125°C (TJ)           Package / Case         16-SOIC (0.154", 3.90mm Width)           Supplier Device Package         16-SOIC (0.154", 3.90mm Width)		
Category         Integrated Circuits (ICs)           PMIC - Power Distribution Switches, Load Drivers           Package         16-SOIC (0.154", 3.90mm Width)           Series         -           Switch Type         USB Switch           Number of Outputs         3           Ratio - Input:Output         1:3           Output Configuration         High Side           Output Type         N-Channel           Interface         On/Off           Voltage - Load         2.7 V ~ 5.5 V           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         500mA           Rds On (Typ)         90 mOhm           Input Type         Non-Inverting           Features         Status Flag           Fault Protection         Current Limiting (Fixed), Over Temperature, UVLO           Operating Temperature         -40°C ~ 125°C (TI)           Package / Case         16-SOIC (0.154", 3.90mm Width)           Supplier Device Package         16-SOIC	Manufacturer Part Number	LM3543M-H/NOPB
Package         16-SOIC (0.154", 3.90mm Width)           Series         -           Switch Type         USB Switch           Number of Outputs         3           Ratio - Input:Output         1:3           Output Configuration         High Side           Output Type         N-Channel           Interface         On/Off           Voltage - Load         2.7 V ~ 5.5 V           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         500mA           Rds On (Typ)         90 mOhm           Input Type         Non-Inverting           Features         Status Flag           Fault Protection         Current Limiting (Fixed), Over Temperature, UVLO           Operating Temperature         -40°C ~ 125°C (TJ)           Package / Case         16-SOIC (0.154", 3.90mm Width)           Supplier Device Package         16-SOIC	Manufacturer	Texas Instruments
Package         16-SOIC (0.154", 3.90mm Width)           Series         -           Switch Type         USB Switch           Number of Outputs         3           Ratio - Input:Output         1:3           Output Configuration         High Side           Output Type         N-Channel           Interface         On/Off           Voltage - Load         2.7 V ~ 5.5 V           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         500mA           Rds On (Typ)         90 mOhm           Input Type         Non-Inverting           Features         Status Flag           Fault Protection         Current Limiting (Fixed), Over Temperature, UVLO           Operating Temperature         -40°C ~ 125°C (TJ)           Package / Case         16-SOIC (0.154", 3.90mm Width)           Supplier Device Package         16-SOIC	Category	Integrated Circuits (ICs)
Series         -           Switch Type         USB Switch           Number of Outputs         3           Ratio - Input:Output         1:3           Output Configuration         High Side           Output Type         N-Channel           Interface         On/Off           Voltage - Load         2.7 V ~ 5.5 V           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         500mA           Rds On (Typ)         90 mOhm           Input Type         Non-Inverting           Features         Status Flag           Fault Protection         Current Limiting (Fixed), Over Temperature, UVLO           Operating Temperature         -40°C ~ 125°C (TJ)           Package / Case         16-SOIC (0.154", 3.90mm Width)           Supplier Device Package         16-SOIC		PMIC - Power Distribution Switches, Load Drivers
Switch TypeUSB SwitchNumber of Outputs3Ratio - Input:Output1:3Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)90 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	Package	16-SOIC (0.154", 3.90mm Width)
Number of Outputs3Ratio - Input:Output1:3Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)90 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	Series	-
Ratio - Input:Output1:3Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)90 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	Switch Type	USB Switch
Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)90 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	Number of Outputs	3
Output Type N-Channel Interface On/Off  Voltage - Load 2.7 V ~ 5.5 V  Voltage - Supply (Vcc/Vdd) Not Required  Current - Output (Max) 500mA  Rds On (Typ) 90 mOhm  Input Type Non-Inverting  Features Status Flag  Fault Protection Current Limiting (Fixed), Over Temperature, UVLO  Operating Temperature -40°C ~ 125°C (TJ)  Package / Case 16-SOIC (0.154", 3.90mm Width)  Supplier Device Package 16-SOIC	Ratio - Input:Output	1:3
Interface On/Off  Voltage - Load 2.7 V ~ 5.5 V  Voltage - Supply (Vcc/Vdd) Not Required  Current - Output (Max) 500mA  Rds On (Typ) 90 mOhm  Input Type Non-Inverting  Features Status Flag  Fault Protection Current Limiting (Fixed), Over Temperature, UVLO  Operating Temperature -40°C ~ 125°C (TJ)  Package / Case 16-SOIC (0.154", 3.90mm Width)  Supplier Device Package 16-SOIC	Output Configuration	High Side
Voltage - Load  2.7 V ~ 5.5 V  Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  500mA  Rds On (Typ)  90 mOhm  Input Type  Non-Inverting  Features  Status Flag  Fault Protection  Current Limiting (Fixed), Over Temperature, UVLO  Operating Temperature  -40°C ~ 125°C (TJ)  Package / Case  16-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd)  Current - Output (Max)  Rds On (Typ)  90 mOhm  Input Type  Non-Inverting  Features  Status Flag  Fault Protection  Current Limiting (Fixed), Over Temperature, UVLO  Operating Temperature  -40°C ~ 125°C (TJ)  Package / Case  16-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Interface	On/Off
Current - Output (Max)  Rds On (Typ)  90 mOhm  Input Type  Non-Inverting  Features  Status Flag  Fault Protection  Current Limiting (Fixed), Over Temperature, UVLO  Operating Temperature  -40°C ~ 125°C (TJ)  Package / Case  16-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Voltage - Load	2.7 V ~ 5.5 V
Rds On (Typ)  Input Type  Non-Inverting  Features  Status Flag  Fault Protection  Current Limiting (Fixed), Over Temperature, UVLO  Operating Temperature  -40°C ~ 125°C (TJ)  Package / Case  16-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting  Features Status Flag  Fault Protection Current Limiting (Fixed), Over Temperature, UVLO  Operating Temperature -40°C ~ 125°C (TJ)  Package / Case 16-SOIC (0.154", 3.90mm Width)  Supplier Device Package 16-SOIC	Current - Output (Max)	500mA
Features  Status Flag  Fault Protection  Current Limiting (Fixed), Over Temperature, UVLO  Operating Temperature  -40°C ~ 125°C (TJ)  Package / Case  16-SOIC (0.154", 3.90mm Width)  Supplier Device Package  16-SOIC	Rds On (Typ)	90 mOhm
Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ) Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Input Type	Non-Inverting
Operating Temperature -40°C ~ 125°C (TJ)  Package / Case 16-SOIC (0.154", 3.90mm Width)  Supplier Device Package 16-SOIC	Features	Status Flag
Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-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?

#### LM3543M-H/NOPB 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.

### LM3543M-H/NOPB Payment Methods



















### LM3543M-H/NOPB Shipping Methods













If you have any question about LM3543M-H/NOPB, please do not hesitate to contact us!

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