



SN75374DR Information



For Reference Only

Part Number SN75374DR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC QUAD MOSFET DRIVER 16-SOIC

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

For the pricing/inventory/lead time, please contact

us

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



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SN75374DR Specifications

Manufacturer Part Number Manufacturer Texas Instruments Integrated Circuits (ICs) PMIC - Gate Drivers Package 16-SOIC (0.154", 3.90mm Width) Series Driven Configuration Low-Side Channel Type Independent Number of Drivers 4 Gate Type N-Channel MOSFET Voltage - Supply 4.75 V ~ 28 V Logic Voltage - VIL, VIH O.8V, 2V Current - Peak Output (Source, Sink) Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Mounting Type Surface Mount Prockage (Case)	•	
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PMIC - Gate Drivers Package 16-SOIC (0.154", 3.90mm Width) Series - Driven Configuration Low-Side Channel Type Independent Number of Drivers 4 Gate Type N-Channel MOSFET Voltage - Supply 4.75 V ~ 28 V Logic Voltage - VIL, VIH 0.8V, 2V Current - Peak Output (Source, Sink) 500mA, 500mA Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 20ns, 20ns Operating Temperature 0°C ~ 150°C (TJ) Mounting Type Surface Mount	Manufacturer	Texas Instruments
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Channel Type Number of Drivers 4 Gate Type N-Channel MOSFET Voltage - Supply 4.75 V ~ 28 V Logic Voltage - VIL, VIH 0.8V, 2V Current - Peak Output (Source, Sink) Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Mounting Type Independent 1 Independent Indep	Series	-
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Gate TypeN-Channel MOSFETVoltage - Supply4.75 V ~ 28 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)500mA, 500mAInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 20nsOperating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface Mount	Channel Type	Independent
Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2V Current - Peak Output (Source, Sink) Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Mounting Type 4.75 V ~ 28 V 0.8V, 2V 500mA, 500mA Inverting - 20ns, 20ns Operating Temperature 0°C ~ 150°C (TJ) Surface Mount	Number of Drivers	4
Logic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)500mA, 500mAInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 20nsOperating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface Mount	Gate Type	N-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Mounting Type 500mA, 500mA - 20ns, 20ns 0°C ~ 150°C (TJ) Surface Mount	Voltage - Supply	4.75 V ~ 28 V
Input Type Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 20ns, 20ns Operating Temperature 0°C ~ 150°C (TJ) Mounting Type Surface Mount	Logic Voltage - VIL, VIH	0.8V, 2V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature O°C ~ 150°C (TJ) Mounting Type Surface Mount	Current - Peak Output (Source, Sink)	500mA, 500mA
Rise / Fall Time (Typ) $20ns, 20ns$ Operating Temperature $0^{\circ}C \sim 150^{\circ}C$ (TJ)Mounting TypeSurface Mount	Input Type	Inverting
Operating Temperature $0^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ Mounting Type Surface Mount	High Side Voltage - Max (Bootstrap)	-
Mounting Type Surface Mount	Rise / Fall Time (Typ)	20ns, 20ns
	Operating Temperature	$0^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$
Package / Case 16 SOIC (0.154", 3.00mm Width)	Mounting Type	Surface Mount
10-501C (0.134, 3.2011111 WIUII)	Package / Case	16-SOIC (0.154", 3.90mm Width)
Supplier Device Package 16-SOIC	Supplier Device Package	16-SOIC
Report errors?		Report errors?

SN75374DR 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.

SN75374DR Payment Methods





















SN75374DR Shipping Methods













If you have any question about SN75374DR, please do not hesitate to contact us!

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