

Part No.

▼


MC14584BCP

Q

⋮

PreviewPDFDownloadHTML

MC14584BCP Datasheet (PDF) - ON Semiconductor

Part No.	MC14584BCP
Description	Hex Schmitt Trigger
File Size	145.4 Kbytes
Html View	1 2 3 4 5 6 7 8
Manufacturer	ONSEMI [ON Semiconductor]
Direct Link	http://www.onsemi.com
Logo	

1 of 8

Automatic Zoom

MC14584B

Hex Schmitt Trigger

The MC14584B Hex Schmitt Trigger is constructed with MOS P-channel and N-channel enhancement mode devices in a single monolithic structure. These devices find primary use where low power dissipation and/or high noise immunity is desired. The MC14584B may be used in place of the MC14069UB hex inverter for enhanced noise immunity to “square up” slowly changing waveforms.


Features

- Supply Voltage Range = 3.0 Vdc to 18 Vdc
- Capable of Driving Two Low-power TTL Loads or One Low-power Schottky TTL Load over the Rated Temperature Range
- Double Diode Protection on All Inputs
- Can Be Used to Replace MC14069UB
- For Greater Hysteresis, Use MC14106B which is Pin-for-Pin Replacement for CD40106B and MM74C14
- Pb-Free Packages are Available

MAXIMUM RATINGS

(Voltages Referenced to V_{SS})

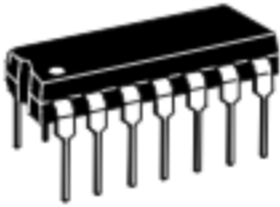
Symbol	Parameter	Value	Unit
V _{DD}	DC Supply Voltage Range	−0.5 to +18.0	V
V _{in} , V _{out}	Input or Output Voltage Range (DC or Transient)	−0.5 to V _{DD} + 0.5	V
I _{in} , I _{out}	Input or Output Current (DC or Transient) per Pin	±10	mA
P _D	Power Dissipation, per Package (Note 1)	500	mW




ON Semiconductor®

http://onsemi.com


MARKING DIAGRAMS




PDIP-14
P SUFFIX
CASE 646



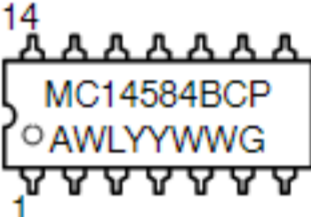
SOIC-14
D SUFFIX
CASE 751A




TSSOP-14
DT SUFFIX
CASE 948G



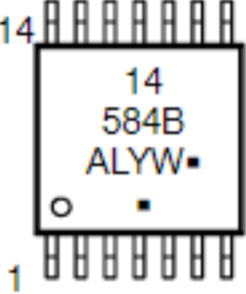
SOEIAJ-14
F SUFFIX



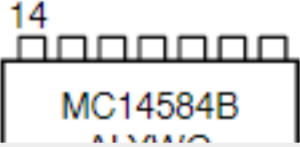
MC14584BCP
AWLYYWWG



14584BG
AWLYWW



14
584B
ALYW



MC14584B

If the datasheet does not displayed, please, [download the Adobe Reader](#) or [click to view in HTML datasheet.](#)

Related Electronics Part Number

Part No.	Description	Html View	Manufacturer
U74HCT14	HIGH-SPEED CMOS LOGIC HEX INVERTING SCHMITT TRIGGER	1 2 3 4 5	Unisonic Technologies
CD54HC14_05	High-Speed CMOS Logic Hex Inverting Schmitt Trigger	1 2 3 4 5 More	Texas Instruments
HCF40106B_04	HEX SCHMITT TRIGGER	1 2 3 4 5 More	STMicroelectronics
MC74AC14_06	Hex Inverter Schmitt Trigger	1 2 3 4 5 More	ON Semiconductor
MC14106B_06	Hex Schmitt Trigger	1 2 3 4 5 More	ON Semiconductor
MM74HCT14_05	Hex Inverting Schmitt Trigger	1 2 3 4 5 More	Fairchild Semiconductor
74AC04	Hex Inverter	1 2 3 4 5 More	Fairchild Semiconductor

Link URL

<https://pdf1.alldatasheet.com/datasheet-pdf/view/174245/ONSEMI/MC14584BCP.html>

Does ALLDATASHEET help your business so far? [[DONATE](#)]