

## Buffer

### MC74VHC1G50, MC74VHC1GT50

The MC74VHC1G50 / MC74VHC1GT50 is an advanced high speed CMOS buffer in tiny footprint packages. The MC74VHC1G50 has CMOS level input thresholds while the MC74VHC1GT50 has TTL level input thresholds.

The input structures provide protection when voltages up to 5.5 V are applied, regardless of the supply voltage. This allows the device to be used to interface 5 V circuits to 3 V circuits. Some output structures also provide protection when  $V_{CC} = 0$  V and when the output voltage exceeds  $V_{CC}$ . These input and output structures help prevent device destruction caused by supply voltage – input/output voltage mismatch, battery backup, hot insertion, etc.

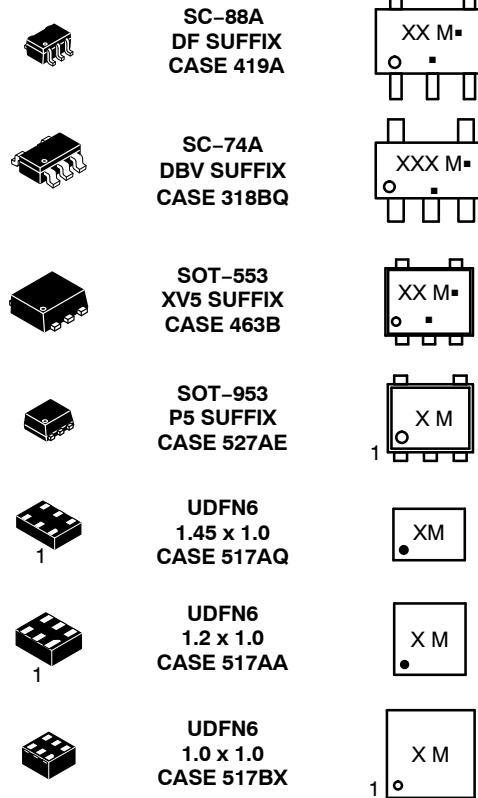
#### Features

- Designed for 2.0 V to 5.5 V  $V_{CC}$  Operation
- 3.5 ns  $t_{PD}$  at 5 V (typ)
- Inputs/Outputs Over-Voltage Tolerant up to 5.5 V
- $I_{OFF}$  Supports Partial Power Down Protection
- Source/Sink 8 mA at 3.0 V
- Available in SC-88A, SC-74A, SOT-553, SOT-953 and UDFN6 Packages
- Chip Complexity < 100 FETs
- –Q Suffix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q100 Qualified and PPAP Capable
- These Devices are Pb-Free, Halogen Free/BFR Free and are RoHS Compliant



**Figure 1. Logic Symbol**

#### MARKING DIAGRAMS



XX = Specific Device Code  
M = Date Code\*  
- = Pb-Free Package

(Note: Microdot may be in either location)

\*Date Code orientation and/or position may vary depending upon manufacturing location.

#### ORDERING INFORMATION

See detailed ordering, marking and shipping information in the package dimensions section on page 7 of this data sheet.

# MC74VHC1G50, MC74VHC1GT50

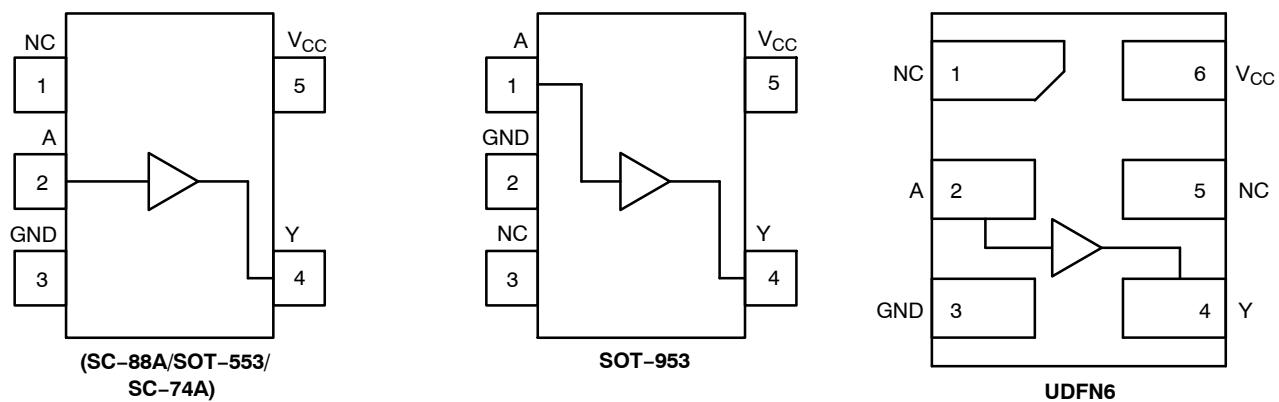


Figure 2. Pinout (Top View)

## PIN ASSIGNMENT

(SC-88A/SOT-553/ SC-74A)

Pin	Function
1	NC
2	A
3	GND
4	Y
5	V <sub>CC</sub>

## PIN ASSIGNMENT (SOT-953)

Pin	Function
1	A
2	GND
3	NC
4	Y
5	V <sub>CC</sub>

## PIN ASSIGNMENT (UDFN)

Pin	Function
1	NC
2	A
3	GND
4	Y
5	NC
6	V <sub>CC</sub>

## FUNCTION TABLE

A Input	Y Output
L	L
H	H

# MC74VHC1G50, MC74VHC1GT50

## MAXIMUM RATINGS

Symbol	Characteristics	Value	Unit
V <sub>CC</sub>	DC Supply Voltage	-0.5 to +6.5	V
V <sub>IN</sub>	DC Input Voltage	-0.5 to +6.5	V
V <sub>OUT</sub>	DC Output Voltage Active-Mode (High or Low State) Tri-State Mode (Note 1) Power-Down Mode (V <sub>CC</sub> = 0 V)	-0.5 to V <sub>CC</sub> + 0.5 -0.5 to +6.5 -0.5 to +6.5	V
I <sub>IK</sub>	DC Input Diode Current V <sub>IN</sub> < GND	-20	mA
I <sub>OK</sub>	DC Output Diode Current V <sub>OUT</sub> < GND	-20	mA
I <sub>OUT</sub>	DC Output Source/Sink Current	±25	mA
I <sub>CC</sub> or I <sub>GND</sub>	DC Supply Current per Supply Pin or Ground Pin	±50	mA
T <sub>STG</sub>	Storage Temperature Range	-65 to +150	°C
T <sub>L</sub>	Lead Temperature, 1 mm from Case for 10 secs	260	°C
T <sub>J</sub>	Junction Temperature Under Bias	+150	°C
θ <sub>JA</sub>	Thermal Resistance (Note 2)  SC-88A SC-74A SOT-553 SOT-953 UDFN6	377 320 324 254 154	°C/W
P <sub>D</sub>	Power Dissipation in Still Air  SC-88A SC-74A SOT-553 SOT-953 UDFN6	332 390 386 491 812	mW
MSL	Moisture Sensitivity	Level 1	-
F <sub>R</sub>	Flammability Rating Oxygen Index: 28 to 34	UL 94 V-0 @ 0.125 in	-
V <sub>ESD</sub>	ESD Withstand Voltage (Note 3) Human Body Model Charged Device Model	2000 1000	V
I <sub>Latchup</sub>	Latchup Performance (Note 4)	± 100	mA

Stresses exceeding those listed in the Maximum Ratings table may damage the device. If any of these limits are exceeded, device functionality should not be assumed, damage may occur and reliability may be affected.

1. Applicable to devices with outputs that may be tri-stated.
2. Measured with minimum pad spacing on an FR4 board, using 10mm-by-1inch, 2 ounce copper trace no air flow per JESD51-7.
3. HBM tested to ANSI/ESDA/JEDEC JS-001-2017. CDM tested to EIA/JESD22-C101-F. JEDEC recommends that ESD qualification to EIA/JESD22-A115-A (Machine Model) be discontinued per JEDEC/JEP172A.
4. Tested to EIA/JESD78 Class II.

# MC74VHC1G50, MC74VHC1GT50

## RECOMMENDED OPERATING CONDITIONS

Symbol	Characteristics	Min	Max	Unit
$V_{CC}$	Positive DC Supply Voltage	2.0	5.5	V
$V_{IN}$	DC Input Voltage	0	5.5	V
$V_{OUT}$	DC Output Voltage Active-Mode (High or Low State) Tri-State Mode (Note 1) Power-Down Mode ( $V_{CC} = 0$ V)	0 0 0	$V_{CC}$ 5.5 5.5	V
$T_A$	Operating Temperature Range	-55	+125	°C
$t_r, t_f$	Input Rise and Fall Time $V_{CC} = 2.0$ V $V_{CC} = 2.3$ V to $2.7$ V $V_{CC} = 3.0$ V to $3.6$ V $V_{CC} = 4.5$ V to $5.5$ V	0 0 0 0	20 20 10 5	ns/V

Functional operation above the stresses listed in the Recommended Operating Ranges is not implied. Extended exposure to stresses beyond the Recommended Operating Ranges limits may affect device reliability.

## DC ELECTRICAL CHARACTERISTICS (MC74VHC1G50)

Symbol	Parameter	Test Conditions	$V_{CC}$ (V)	$T_A = 25^\circ\text{C}$			$-40^\circ\text{C} \leq T_A \leq 85^\circ\text{C}$		$-55^\circ\text{C} \leq T_A \leq 125^\circ\text{C}$		Unit
				Min	Typ	Max	Min	Max	Min	Max	
$V_{IH}$	High-Level Input Voltage		2.0	1.5	—	—	1.5	—	1.5	—	V
			3.0	2.1	—	—	2.1	—	2.1	—	
			4.5	3.15	—	—	3.15	—	3.15	—	
			5.5	3.85	—	—	3.85	—	3.85	—	
$V_{IL}$	Low-Level Input Voltage		2.0	—	—	0.5	—	0.5	—	0.5	V
			3.0	—	—	0.9	—	0.9	—	0.9	
			4.5	—	—	1.35	—	1.35	—	1.35	
			5.5	—	—	1.65	—	1.65	—	1.65	
$V_{OH}$	High-Level Output Voltage	$V_{IN} = V_{IH}$ or $V_{IL}$ $I_{OH} = -50$ $\mu\text{A}$ $I_{OH} = -50$ $\mu\text{A}$ $I_{OH} = -50$ $\mu\text{A}$ $I_{OH} = -4$ mA $I_{OH} = -8$ mA	2.0	1.9	2.0	—	1.9	—	1.9	—	V
			3.0	2.9	3.0	—	2.9	—	2.9	—	
			4.5	4.4	4.5	—	4.4	—	4.4	—	
			3.0	2.58	—	—	2.48	—	2.34	—	
			4.5	3.94	—	—	3.80	—	3.66	—	
			2.0	—	0.0	0.1	—	0.1	—	0.1	
$V_{OL}$	Low-Level Output Voltage	$V_{IN} = V_{IH}$ or $V_{IL}$ $I_{OL} = 50$ $\mu\text{A}$ $I_{OL} = 50$ $\mu\text{A}$ $I_{OL} = 50$ $\mu\text{A}$ $I_{OL} = 4$ mA $I_{OL} = 8$ mA	3.0	—	0.0	0.1	—	0.1	—	0.1	V
			4.5	—	0.0	0.1	—	0.1	—	0.1	
			3.0	—	0.0	0.1	—	0.1	—	0.1	
			4.5	—	—	0.36	—	0.44	—	0.52	
$I_{IN}$	Input Leakage Current	$V_{IN} = 5.5$ V or GND	2.0 to 5.5	—	—	$\pm 0.1$	—	$\pm 1.0$	—	$\pm 1.0$	$\mu\text{A}$
			0.0	—	—	1.0	—	10	—	10	$\mu\text{A}$
$I_{OFF}$	Power Off Leakage Current	$V_{IN} = 5.5$ V or $V_{OUT} = 5.5$ V	0.0	—	—	1.0	—	20	—	40	$\mu\text{A}$
$I_{CC}$	Quiescent Supply Current	$V_{IN} = V_{CC}$ or GND	5.5	—	—	1.0	—	—	—	—	$\mu\text{A}$

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## DC ELECTRICAL CHARACTERISTICS (MC74VHC1GT50)

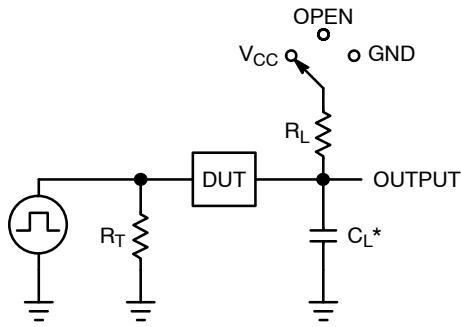
Symbol	Parameter	Test Conditions	V <sub>CC</sub> (V)	T <sub>A</sub> = 25°C			−40°C ≤ T <sub>A</sub> ≤ 85°C		−55°C ≤ T <sub>A</sub> ≤ 125°C		Unit
				Min	Typ	Max	Min	Max	Min	Max	
V <sub>IH</sub>	High-Level Input Voltage		2.0	1.0	—	—	1.0	—	1.0	—	V
			3.0	1.4	—	—	1.4	—	1.4	—	
			4.5	2.0	—	—	2.0	—	2.0	—	
			5.5	2.0	—	—	2.0	—	2.0	—	
V <sub>IL</sub>	Low-Level Input Voltage		2.0	—	—	0.28	—	0.28	—	0.28	V
			3.0	—	—	0.45	—	0.45	—	0.45	
			4.5	—	—	0.8	—	0.8	—	0.8	
			5.5	—	—	0.8	—	0.8	—	0.8	
V <sub>OH</sub>	High-Level Output Voltage	V <sub>IN</sub> = V <sub>IH</sub> or V <sub>IL</sub> I <sub>OH</sub> = −50 µA I <sub>OH</sub> = −50 µA I <sub>OH</sub> = −50 µA I <sub>OH</sub> = −4 mA I <sub>OH</sub> = −8 mA	2.0	1.9	2.0	—	1.9	—	1.9	—	V
			3.0	2.9	3.0	—	2.9	—	2.9	—	
			4.5	4.4	4.5	—	4.4	—	4.4	—	
			3.0	2.58	—	—	2.48	—	2.34	—	
			4.5	3.94	—	—	3.80	—	3.66	—	
V <sub>OL</sub>	Low-Level Output Voltage	V <sub>IN</sub> = V <sub>IH</sub> or V <sub>IL</sub> I <sub>OL</sub> = 50 µA I <sub>OL</sub> = 50 µA I <sub>OL</sub> = 50 µA I <sub>OL</sub> = 4 mA I <sub>OL</sub> = 8 mA	2.0	—	0.0	0.1	—	0.1	—	0.1	V
			3.0	—	0.0	0.1	—	0.1	—	0.1	
			4.5	—	0.0	0.1	—	0.1	—	0.1	
			3.0	—	—	0.36	—	0.44	—	0.52	
			4.5	—	—	0.36	—	0.44	—	0.52	
I <sub>IN</sub>	Input Leakage Current	V <sub>IN</sub> = 5.5 V or GND	2.0 to 5.5	—	—	±0.1	—	±1.0	—	±1.0	µA
I <sub>OFF</sub>	Power Off Leakage Current	V <sub>IN</sub> = 5.5 V or V <sub>OUT</sub> = 5.5 V	0	—	—	1.0	—	10	—	10	µA
I <sub>CC</sub>	Quiescent Supply Current	V <sub>IN</sub> = V <sub>CC</sub> or GND	5.5	—	—	1.0	—	20	—	40	µA
I <sub>CC</sub> T	Increase in Quiescent Supply Current per Input Pin	One Input: V <sub>IN</sub> = 3.4 V; Other Input at V <sub>CC</sub> or GND	5.5	—	—	1.35	—	1.5	—	1.65	mA

## AC ELECTRICAL CHARACTERISTICS

Symbol	Parameter	Conditions	V <sub>CC</sub> (V)	T <sub>A</sub> = 25°C			−40°C ≤ T <sub>A</sub> ≤ 85°C		−55°C ≤ T <sub>A</sub> ≤ 125°C		Unit
				Min	Typ	Max	Min	Max	Min	Max	
t <sub>PLH</sub> , t <sub>PHL</sub>	Propagation Delay, A to Y (Figures 3 and 4)	C <sub>L</sub> = 15 pF	3.0 to 3.6	—	4.5	7.1	—	8.5	—	10.0	ns
				—	6.4	10.6	—	12.0	—	14.5	
		C <sub>L</sub> = 15 pF	4.5 to 5.5	—	3.5	5.5	—	6.5	—	8.0	
		C <sub>L</sub> = 50 pF		—	4.5	7.5	—	8.5	—	10.0	
C <sub>IN</sub>	Input Capacitance			—	4.0	10	—	10	—	10	pF
C <sub>OUT</sub>	Output Capacitance	Output in High Impedance State		—	6.0	—	—	—	—	—	pF
C <sub>PD</sub>	Power Dissipation Capacitance (Note 5)						Typical @ 25°C, V <sub>CC</sub> = 5.0 V				
							8.0			pF	

5. C<sub>PD</sub> is defined as the value of the internal equivalent capacitance which is calculated from the operating current consumption without load. Average operating current can be obtained by the equation: I<sub>CC(OPR)</sub> = C<sub>PD</sub> • V<sub>CC</sub> • f<sub>in</sub> + I<sub>CC</sub>. C<sub>PD</sub> is used to determine the no-load dynamic power consumption; P<sub>D</sub> = C<sub>PD</sub> • V<sub>CC</sub><sup>2</sup> • f<sub>in</sub> + I<sub>CC</sub> • V<sub>CC</sub>.

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Test	Switch Position	$C_L$ , pF	$R_L$ , $\Omega$
$t_{PLH} / t_{PHL}$	Open	See AC Characteristics Table	X
$t_{PLZ} / t_{PZL}$	$V_{CC}$		1 k
$t_{PHZ} / t_{PZH}$	GND		1 k

X = Don't Care

Figure 3. Test Circuit

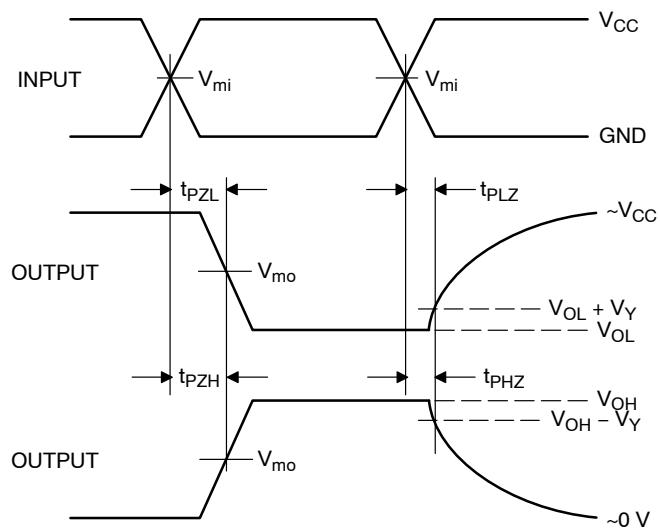
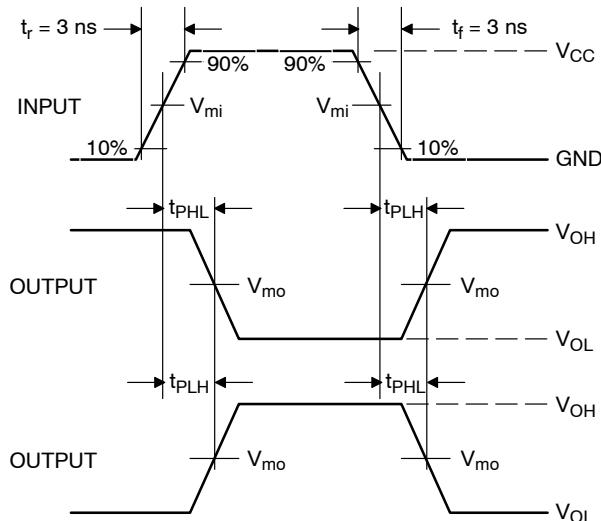


Figure 4. Switching Waveforms

$V_{CC}$ , V	$V_{mi}$ , V	$V_{mo}$ , V		$V_Y$ , V
		$t_{PLH}, t_{PHL}$	$t_{PZL}, t_{PLZ}, t_{PZH}, t_{PHZ}$	
3.0 to 3.6	$V_{CC}/2$	$V_{CC}/2$	$V_{CC}/2$	0.3
4.5 to 5.5	$V_{CC}/2$	$V_{CC}/2$	$V_{CC}/2$	0.3

# MC74VHC1G50, MC74VHC1GT50

## ORDERING INFORMATION

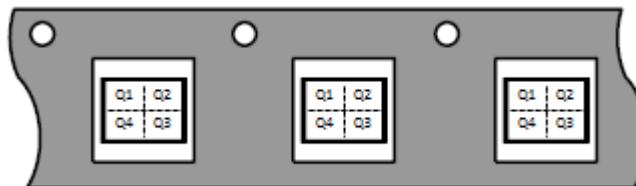
Device	Packages	Specific Device Code	Pin 1 Orientation (See below)	Shipping <sup>†</sup>
MC74VHC1G50DFT1G	SC-88A	VR	Q2	3000 / Tape & Reel
MC74VHC1G50DFT2G	SC-88A	VR	Q4	3000 / Tape & Reel
MC74VHC1G50DFT2G-Q* (Contact <b>onsemi</b> )	SC-88A	VR	Q4	3000 / Tape & Reel
MC74VHC1GT50DFT1G (Contact <b>onsemi</b> )	SC-88A	VL	Q2	3000 / Tape & Reel
MC74VHC1GT50DFT2G (Contact <b>onsemi</b> )	SC-88A	VL	Q4	3000 / Tape & Reel
MC74VHC1GT50DFT2G-Q* (Contact <b>onsemi</b> )	SC-88A	VL	Q4	3000 / Tape & Reel
MC74VHC1GT50DFT1G-Q* (Contact <b>onsemi</b> )	SC-88A	VL	Q2	3000 / Tape & Reel
MC74VHC1G50DBVT1G	SC-74A	VR	Q4	3000 / Tape & Reel
MC74VHC1GT50DBVT1G	SC-74A	VL	Q4	3000 / Tape & Reel
MC74VHC1G50XV5T2G (Contact <b>onsemi</b> )	SOT-553	TBD	Q4	4000 / Tape & Reel
MC74VHC1GT50XV5T2G	SOT-553	AN	Q4	4000 / Tape & Reel
MC74VHC1G50P5T5G	SOT-953	2	Q2	8000 / Tape & Reel
MC74VHC1GT50P5T5G (Contact <b>onsemi</b> )	SOT-953	TBD	Q2	8000 / Tape & Reel
MC74VHC1G50MU1TCG (Contact <b>onsemi</b> )	UDFN6, 1.45 x 1.0, 0.5P	TBD	Q4	3000 / Tape & Reel
MC74VHC1GT50MU1TCG	UDFN6, 1.45 x 1.0, 0.5P	R	Q4	3000 / Tape & Reel
MC74VHC1GT50MU2TCG	UDFN6, 1.2 x 1.0, 0.4P	L	Q4	3000 / Tape & Reel
MC74VHC1G50MU3TCG (Contact <b>onsemi</b> )	UDFN6, 1.0 x 1.0, 0.35P	TBD	Q4	3000 / Tape & Reel
MC74VHC1GT50MU3TCG (Contact <b>onsemi</b> )	UDFN6, 1.0 x 1.0, 0.35P	TBD	Q4	3000 / Tape & Reel

<sup>†</sup>For information on tape and reel specifications, including part orientation and tape sizes, please refer to our Tape and Reel Packaging Specifications Brochure, BRD8011/D.

\*—Q Suffix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q100 Qualified and PPAP Capable.

## Pin 1 Orientation in Tape and Reel

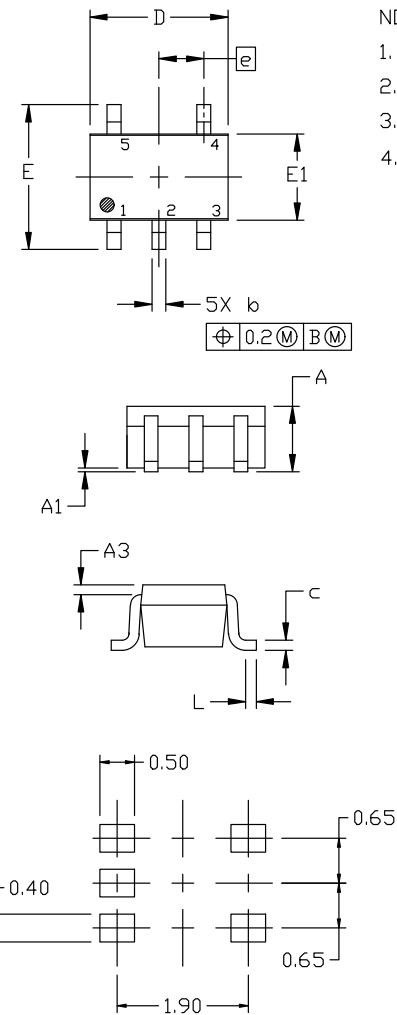
### Direction of Feed



# MC74VHC1G50, MC74VHC1GT50

## PACKAGE DIMENSIONS

### SC-88A (SC-70-5/SOT-353) CASE 419A-02 ISSUE M



#### NOTES:

1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.
2. CONTROLLING DIMENSION: MILLIMETERS
3. 419A-01 OBSOLETE. NEW STANDARD 419A-02
4. DIMENSIONS D AND E1 DO NOT INCLUDE MOLD FLASH, PROTRUSIONS, OR GATE BURRS. MOLD FLASH, PROTRUSIONS, OR GATE BURRS SHALL NOT EXCEED 0.1016MM PER SIDE.

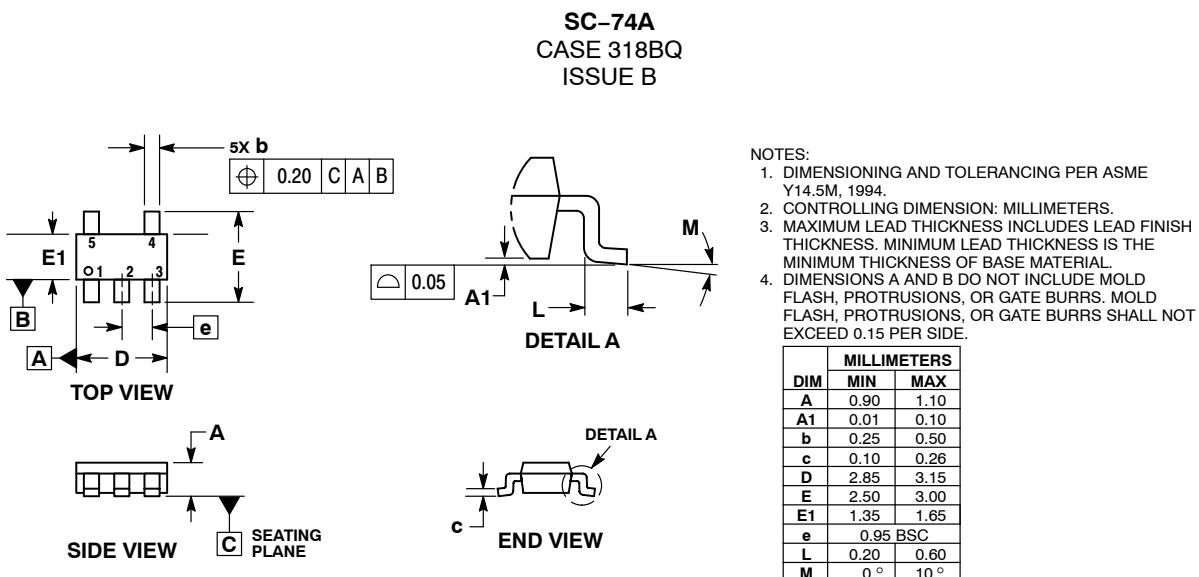
DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	0.80	0.95	1.10
A1	---	---	0.10
A3	0.20 REF		
b	0.10	0.20	0.30
c	0.10	---	0.25
D	1.80	2.00	2.20
E	2.00	2.10	2.20
E1	1.15	1.25	1.35
e	0.65 BSC		
L	0.10	0.15	0.30

#### RECOMMENDED MOUNTING FOOTPRINT

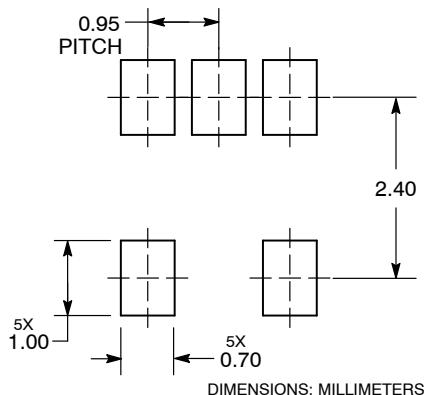
- \* For additional information on our Pb-Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERMM/D.

# MC74VHC1G50, MC74VHC1GT50

## PACKAGE DIMENSIONS



### RECOMMENDED SOLDERING FOOTPRINT\*

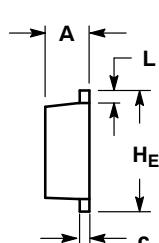
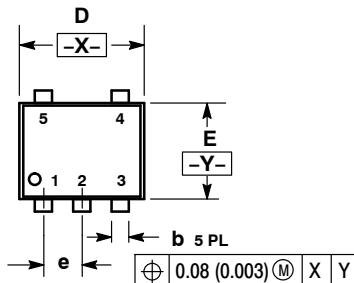


\*For additional information on our Pb-Free strategy and soldering details, please download the **onsemi** Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

# MC74VHC1G50, MC74VHC1GT50

## PACKAGE DIMENSIONS

### SOT-553, 5 LEAD CASE 463B ISSUE C

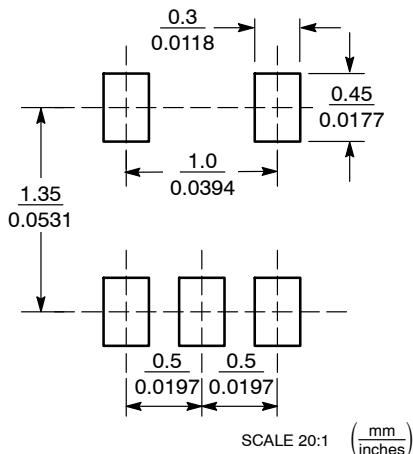


#### NOTES:

1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.
2. CONTROLLING DIMENSION: MILLIMETERS
3. MAXIMUM LEAD THICKNESS INCLUDES LEAD FINISH THICKNESS. MINIMUM LEAD THICKNESS IS THE MINIMUM THICKNESS OF BASE MATERIAL.

DIM	MILLIMETERS			INCHES		
	MIN	NOM	MAX	MIN	NOM	MAX
A	0.50	0.55	0.60	0.020	0.022	0.024
b	0.17	0.22	0.27	0.007	0.009	0.011
c	0.08	0.13	0.18	0.003	0.005	0.007
D	1.55	1.60	1.65	0.061	0.063	0.065
E	1.15	1.20	1.25	0.045	0.047	0.049
e	0.50 BSC			0.020 BSC		
L	0.10	0.20	0.30	0.004	0.008	0.012
H_E	1.55	1.60	1.65	0.061	0.063	0.065

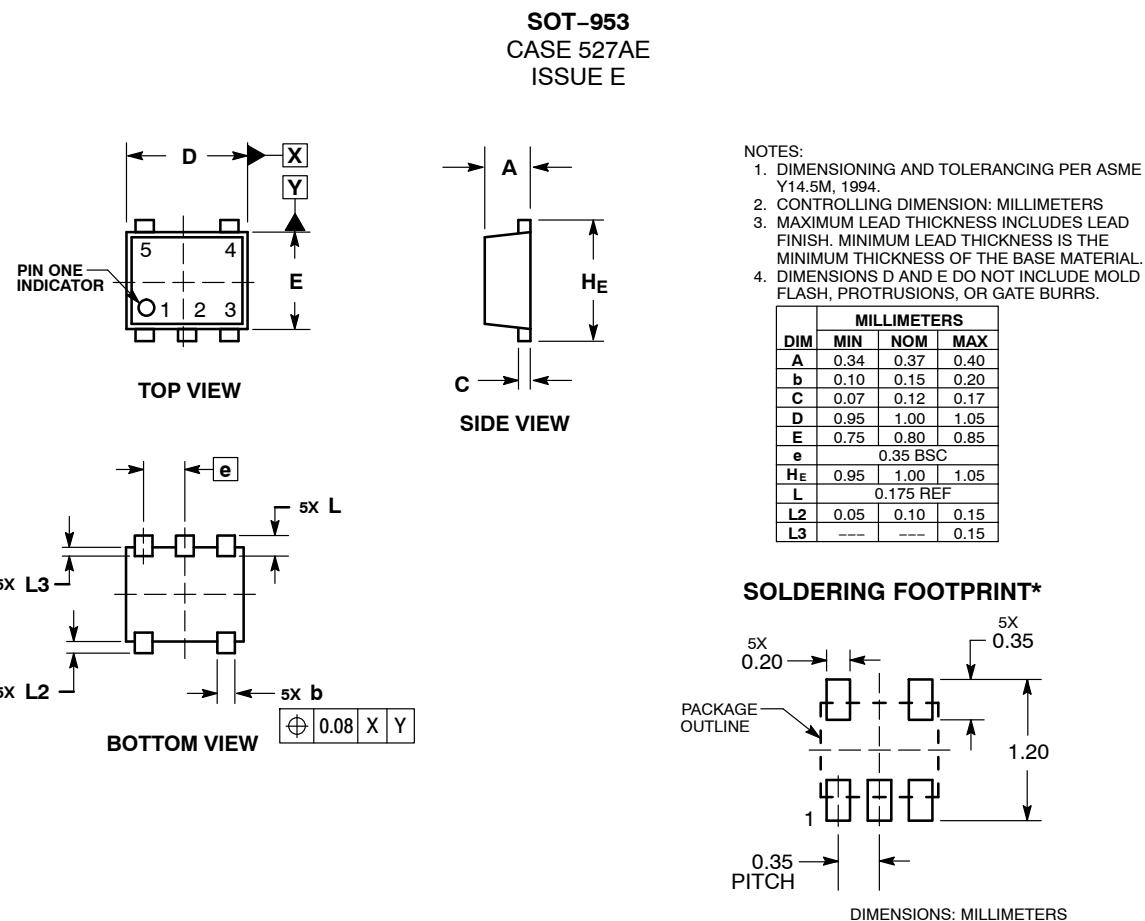
### SOLDERING FOOTPRINT\*



\*For additional information on our Pb-Free strategy and soldering details, please download the **onsemi** Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

# MC74VHC1G50, MC74VHC1GT50

## PACKAGE DIMENSIONS



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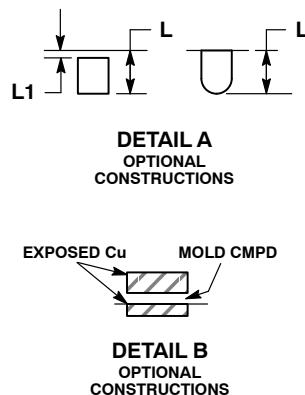
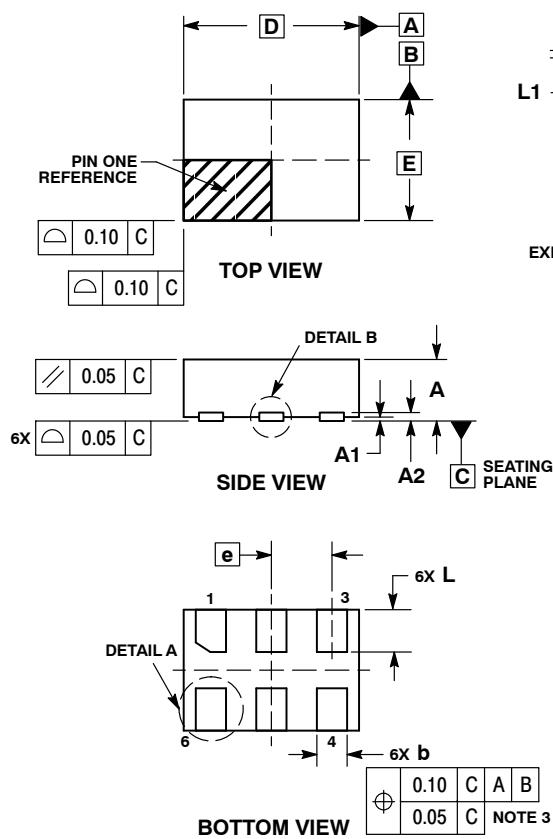
# MC74VHC1G50, MC74VHC1GT50

## PACKAGE DIMENSIONS

**UDFN6, 1.45x1.0, 0.5P**

CASE 517AQ

ISSUE O

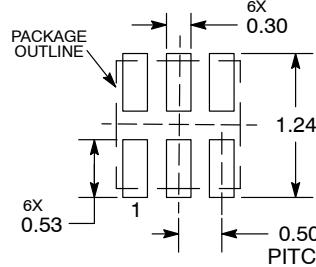


### NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
2. CONTROLLING DIMENSION: MILLIMETERS.
3. DIMENSION *b* APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.30 mm FROM THE TERMINAL TIP.

MILLIMETERS		
DIM	MIN	MAX
A	0.45	0.55
A1	0.00	0.05
A2	0.07 REF	
b	0.20	0.30
D	1.45 BSC	
E	1.00 BSC	
e	0.50 BSC	
L	0.30	0.40
L1	---	0.15

## MOUNTING FOOTPRINT



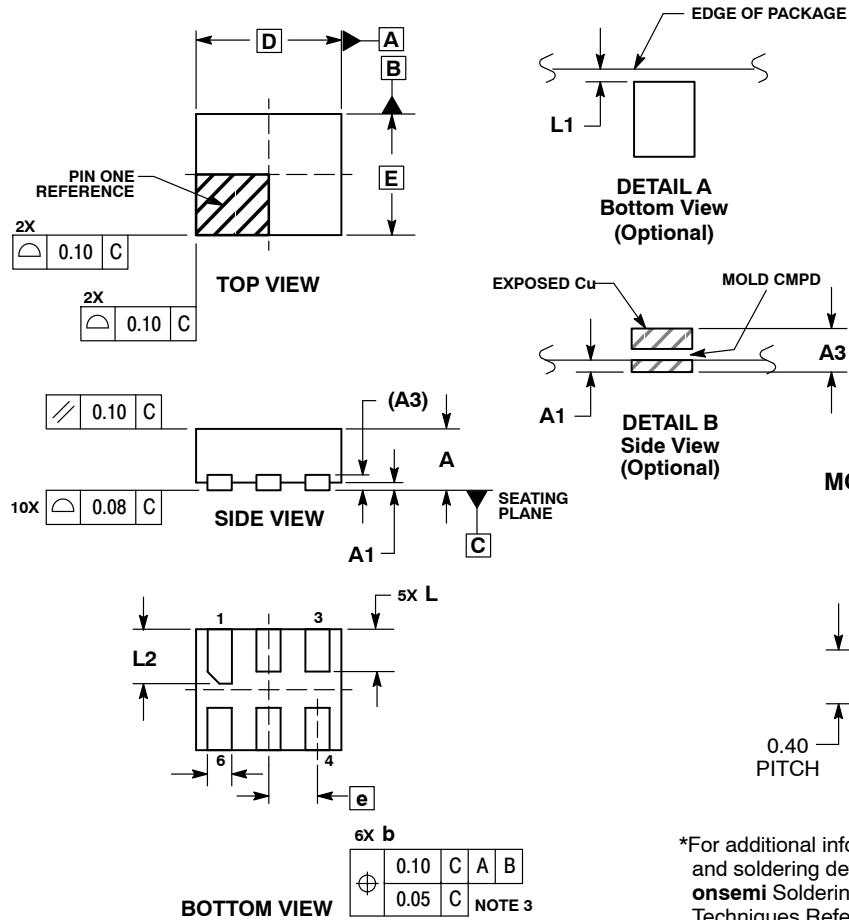
DIMENSIONS: MILLIMETERS

\*For additional information on our Pb-Free strategy and soldering details, please download the **onsemi** Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

# MC74VHC1G50, MC74VHC1GT50

## PACKAGE DIMENSIONS

**UDFN6, 1.2x1.0, 0.4P**  
CASE 517AA  
ISSUE D

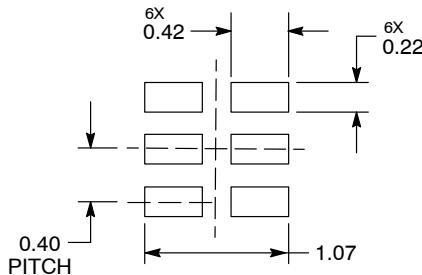


NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
2. CONTROLLING DIMENSION: MILLIMETERS.
3. DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.25 AND 0.30 mm FROM TERMINAL.
4. COPLANARITY APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.

DIM	MILLIMETERS	
	MIN	MAX
A	0.45	0.55
A1	0.00	0.05
A3	0.127 REF	
b	0.15	0.25
D	1.20 BSC	
E	1.00 BSC	
e	0.40 BSC	
L	0.30	0.40
L1	0.00	0.15
L2	0.40	0.50

### MOUNTING FOOTPRINT\*

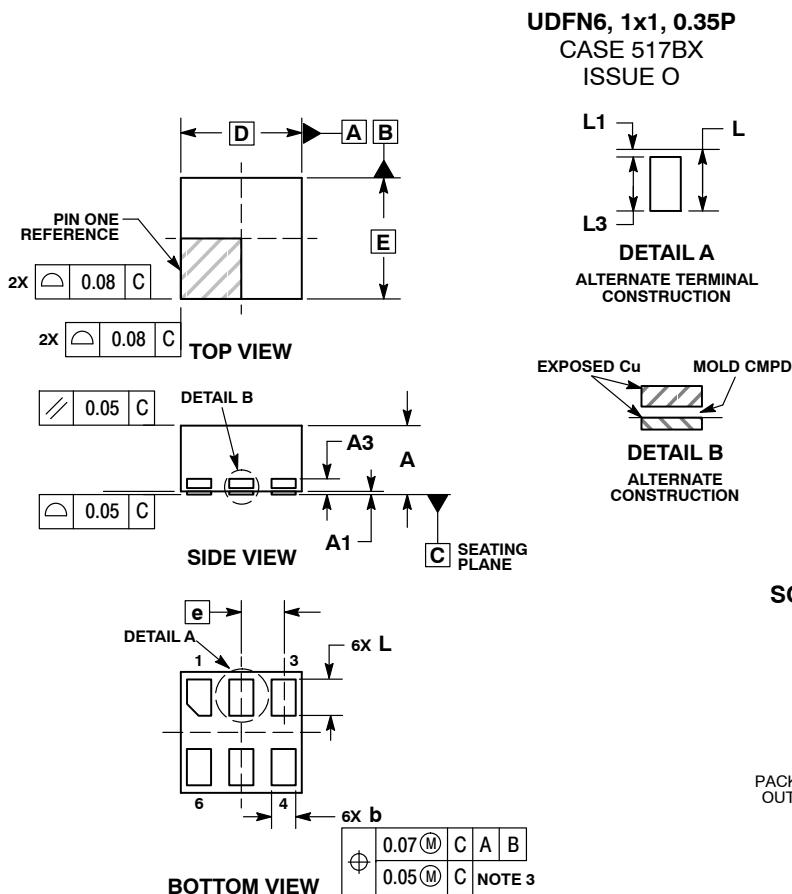


DIMENSIONS: MILLIMETERS

\*For additional information on our Pb-Free strategy and soldering details, please download the **onsemi** Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

# MC74VHC1G50, MC74VHC1GT50

## PACKAGE DIMENSIONS

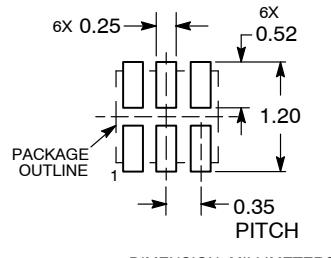


**NOTES:**

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
2. CONTROLLING DIMENSION: MILLIMETERS.
3. DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.20 MM FROM TERMINAL TIP.
4. PACKAGE DIMENSIONS EXCLUSIVE OF BURRS AND MOLD FLASH.

DIM	MILLIMETERS	
	MIN	MAX
A	0.50	0.65
A1	0.00	0.05
A3	0.13 REF	
b	0.17	0.23
D	1.00 BSC	
E	1.00 BSC	
e	0.35	
L	0.20	0.40
L1	---	0.15
L3	0.26	0.33

## RECOMMENDED SOLDERING FOOTPRINT\*



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