

Configurable Multifunction Gate

NL7SZ97

The NL7SZ97 is an advanced high-speed CMOS multifunction gate. The device allows the user to choose logic functions MUX, AND, OR, NAND, NOR, INVERT and BUFFER. The device has Schmitt-trigger inputs, thereby enhancing noise immunity.

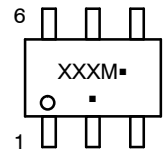
Features

- Designed for 1.65 V to 5.5 V V_{CC} Operation
- 3.3 ns t_{PD} at $V_{CC} = 5$ V (Typ)
- Inputs/Outputs Overvoltage Tolerant up to 5.5 V
- I_{OFF} Supports Partial Power Down Protection
- Sink 24 mA at 3.0 V
- Available in SC-88, SC-74 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

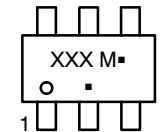
MARKING DIAGRAMS



SC-88/SC70-6/
SOT-363
CASE 419B-02



SC-74
CASE 318F-05



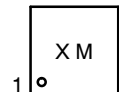
UDFN6, 1.45x1.0, 0.5P
CASE 517AQ



UDFN6
1.2 x 1.0
CASE 517AA



UDFN6, 1x1, 0.35P
CASE 517BX



XXX = Specific Device Code
M = Date Code*
▪ = Pb-Free Package

(Note: Microdot may be in either location or may not be present)

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

ORDERING INFORMATION

See detailed ordering and shipping information in the package dimensions section on page 8 of this data sheet.

NL7SZ97

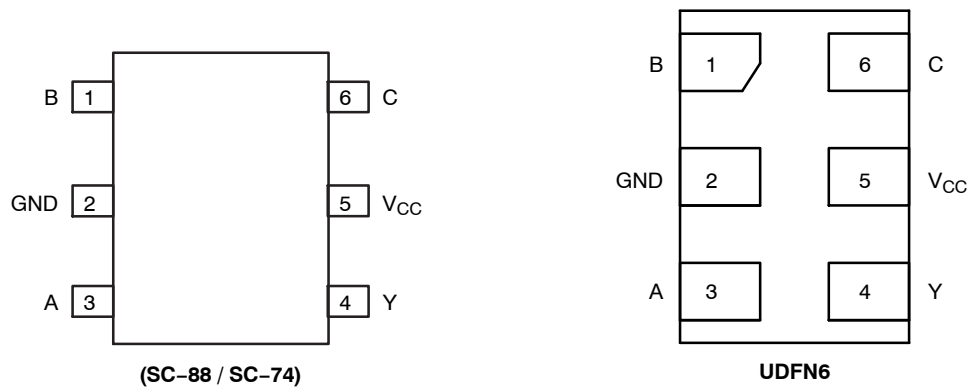


Figure 1. Pinout (Top View)

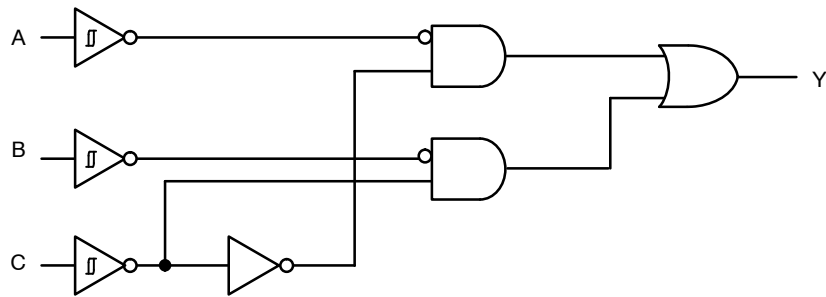


Figure 2. Function Diagram

PIN ASSIGNMENT

| Pin | Function |
|-----|-----------------|
| 1 | B |
| 2 | GND |
| 3 | A |
| 4 | Y |
| 5 | V _{CC} |
| 6 | C |

FUNCTION TABLE*

| Input | | | Output |
|-------|---|---|--------|
| A | B | C | Y |
| L | L | L | L |
| L | L | H | L |
| L | H | L | H |
| L | H | H | L |
| H | L | L | L |
| H | L | H | H |
| H | H | L | H |
| H | H | H | H |

*To select a logic function, please refer to “Logic Configurations section”.

LOGIC CONFIGURATIONS

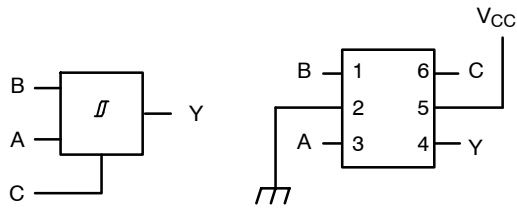


Figure 3. 2-Input MUX

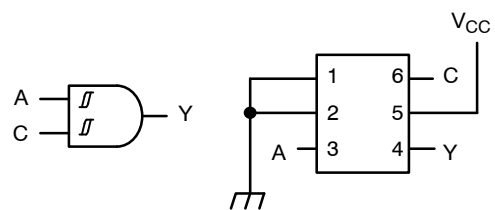


Figure 4. 2-Input AND (When B = "L")

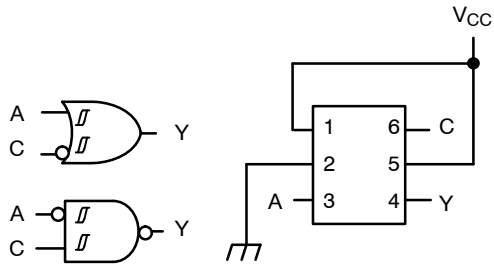


Figure 5. 2-Input OR with Input C Inverted (When B = "H")

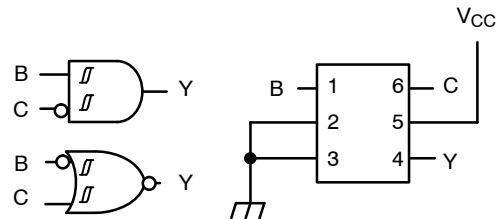


Figure 6. 2-Input AND with Input C Inverted (When A = "L")

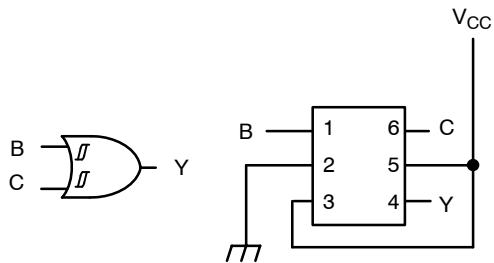


Figure 7. 2-Input OR (When A = "H")

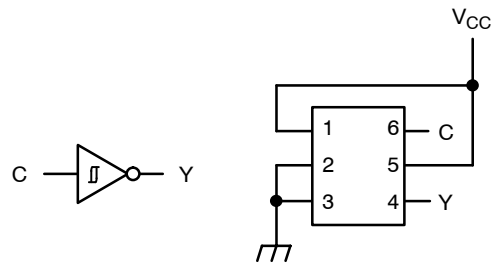


Figure 8. Inverter (When A = "L" and B = "H")

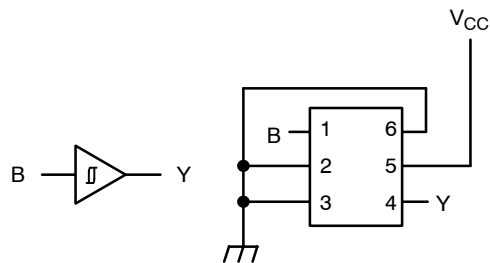


Figure 9. Buffer (When A = C = "L")

MAXIMUM RATINGS

| Symbol | Parameter | Value | Unit |
|-----------------------|--|--|------|
| V_{CC} | DC Supply Voltage | -0.5 to +6.5 | V |
| V_{IN} | DC Input Voltage | -0.5 to +6.5 | V |
| V_{OUT} | DC Output Voltage Active-Mode (High or Low State) Tri-State Mode (Note 1) Power-Down Mode ($V_{CC} = 0$ V) | -0.5 to $V_{CC} + 0.5$ -0.5 to +6.5 -0.5 to +6.5 | V |
| I_{IK} | DC Input Diode Current $V_{IN} < GND$ | -50 | mA |
| I_{OK} | DC Output Diode Current $V_{OUT} < GND$ | -50 | mA |
| I_{OUT} | DC Output Source/Sink Current | ± 50 | mA |
| I_{CC} or I_{GND} | DC Supply Current per Supply Pin or Ground Pin | ± 100 | mA |
| T_{STG} | Storage Temperature Range | -65 to +150 | °C |
| T_L | Lead Temperature, 1 mm from Case for 10 Secs | 260 | °C |
| T_J | Junction Temperature Under Bias | +150 | °C |
| θ_{JA} | Thermal Resistance (Note 2) SC-88 SC-74 UDFN6 | 377 320 154 | °C/W |
| P_D | Power Dissipation in Still Air SC-88 SC-74 UDFN6 | 332 390 812 | mW |
| MSL | Moisture Sensitivity | Level 1 | |
| F_R | Flammability Rating Oxygen Oxygen Index: 28 to 34 | UL 94 V-0 @ 0.125 in | |
| V_{ESD} | ESD Withstand Voltage (Note 3) Human Body Mode Charged Device Model | >2000 >200 | V |
| $I_{LATCHUP}$ | 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 10 mm-by-1 inch, 2 ounce copper trace no air flow per JESD51-7.
3. 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.

RECOMMENDED OPERATING CONDITIONS

| Symbol | Parameter | Min | Max | Unit |
|------------|---|------------------|--|------|
| V_{CC} | Positive DC Supply Voltage | 1.65 | 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 Free-Air Temperature | -55 | +125 | °C |
| t_r, t_f | Input Rise or Fall Rate $V_{CC} = 1.65$ V to 1.95 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 | No Limit No Limit No Limit No Limit | 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

| Symbol | Parameter | Condition | V _{CC} (V) | T _A = 25°C | | | -40°C ≤ T _A ≤ 85°C | | -55°C ≤ T _A ≤ 125°C | | Unit |
|------------------|---|---|------------------------|-----------------------|-----------------|------|-------------------------------|------|--------------------------------|------|------|
| | | | | Min | Typ | Max | Min | Max | Min | Max | |
| V _{T+} | Positive Input Threshold Voltage | | 1.65 | – | – | 1.4 | – | 1.4 | – | 1.4 | V |
| | | | 2.3 | – | – | 1.8 | – | 1.8 | – | 1.8 | |
| | | | 3.0 | – | – | 2.2 | – | 2.2 | – | 2.2 | |
| | | | 4.5 | – | – | 3.1 | – | 3.1 | – | 3.1 | |
| | | | 5.5 | – | – | 3.6 | – | 3.6 | – | 3.6 | |
| V _{T–} | Negative Input Threshold Voltage | | 1.65 | 0.2 | – | – | 0.2 | – | 0.2 | – | V |
| | | | 2.3 | 0.4 | – | – | 0.4 | – | 0.4 | – | |
| | | | 3.0 | 0.6 | – | – | 0.6 | – | 0.6 | – | |
| | | | 4.5 | 1.0 | – | – | 1.0 | – | 1.0 | – | |
| | | | 5.5 | 1.2 | – | – | 1.2 | – | 1.2 | – | |
| V _H | Negative Input Threshold Voltage | | 1.65 | 0.1 | 0.48 | 0.9 | 0.1 | 0.9 | 0.1 | 0.9 | V |
| | | | 2.3 | 0.25 | 0.75 | 1.1 | 0.25 | 1.1 | 0.25 | 1.1 | |
| | | | 3.0 | 0.4 | 0.93 | 1.2 | 0.4 | 1.2 | 0.4 | 1.2 | |
| | | | 4.5 | 0.6 | 1.2 | 1.5 | 0.6 | 1.5 | 0.6 | 1.5 | |
| | | | 5.5 | 0.7 | 1.4 | 1.7 | 0.7 | 1.7 | 0.7 | 1.7 | |
| V _{OH} | High-Level Output Voltage V _{IN} = V _{IH} or V _{IL} | I _{OH} = –50 μA | 1.65 to 5.5 | V _{CC} – 0.1 | V _{CC} | – | V _{CC} – 0.1 | – | V _{CC} – 0.1 | – | V |
| | | I _{OH} = –4 mA | 1.65 | 1.20 | 1.52 | – | 1.20 | – | 1.20 | – | |
| | | I _{OH} = –8 mA | 2.3 | 1.9 | 2.1 | – | 1.9 | – | 1.9 | – | |
| | | I _{OH} = –16 mA | 3 | 2.4 | 2.7 | – | 2.4 | – | 2.4 | – | |
| | | I _{OH} = –24 mA | 3 | 2.3 | 2.5 | – | 2.3 | – | 2.3 | – | |
| | | I _{OH} = –32 mA | 4.5 | 3.8 | 4 | – | 3.8 | – | 3.8 | – | |
| V _{OL} | Low-Level Output Voltage V _{IN} = V _{IH} or V _{IL} | I _{OL} = 100 μA | 1.65 to 5.5 | – | – | 0.1 | – | 0.1 | – | 0.1 | V |
| | | I _{OL} = 4 mA | 1.65 | – | 0.08 | 0.45 | – | 0.45 | – | 0.45 | |
| | | I _{OL} = 8 mA | 2.3 | – | 0.2 | 0.3 | – | 0.3 | – | 0.4 | |
| | | I _{OL} = 16 mA | 3 | – | 0.28 | 0.4 | – | 0.4 | – | 0.5 | |
| | | I _{OL} = 24 mA | 3 | – | 0.38 | 0.55 | – | 0.55 | – | 0.55 | |
| | | I _{OL} = 32 mA | 4.5 | – | 0.42 | 0.55 | – | 0.55 | – | 0.65 | |
| I _{IN} | Input Leakage Current | V _{IN} = 5.5 V or GND | 1.65 to 5.5 | – | – | +0.1 | – | +1.0 | – | +1.0 | μA |
| I _{OFF} | Power Off Leakage Current | V _{IN} = 5.5 V or V _{OUT} = 5.5 V | 0 | – | – | 1.0 | – | 10 | – | 10 | μA |
| I _{CC} | Quiescent Supply Current | V _{IN} = 5.5 V or GND | 5.5 | – | – | 1.0 | – | 10 | – | 10 | μA |

Product parametric performance is indicated in the Electrical Characteristics for the listed test conditions, unless otherwise noted. Product performance may not be indicated by the Electrical Characteristics if operated under different conditions.

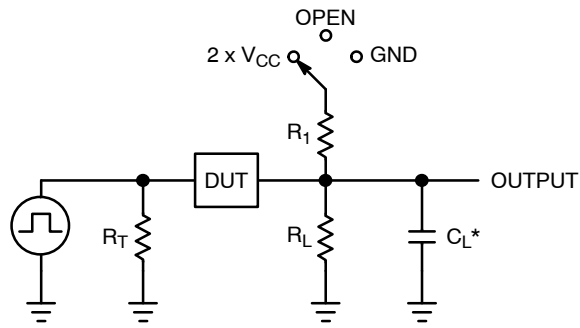
AC ELECTRICAL CHARACTERISTICS

| Symbol | Parameter | Condition | V _{CC} (V) | T _A = 25°C | | | -40°C ≤ T _A ≤ 85°C | | -55°C ≤ T _A ≤ 125°C | | Unit |
|--|---|---|---------------------|-----------------------|-----|------|-------------------------------|------|--------------------------------|------|------|
| | | | | Min | Typ | Max | Min | Max | Min | Max | |
| t _{PLH} , t _{PHL} | Propagation Delay, (A or B or C) to Y (Figures 10 and 11) | R _L = 1 kΩ, C _L = 30 pF | 1.65 to 1.95 | – | 8.6 | 14.4 | – | 14.4 | – | 14.4 | ns |
| | | R _L = 500 Ω, C _L = 30 pF | 2.3 to 2.7 | – | 5.1 | 8.3 | – | 8.3 | – | 8.3 | |
| | | R _L = 500 Ω, C _L = 50 pF | 3.0 to 3.6 | – | 3.9 | 6.3 | – | 6.3 | – | 6.3 | |
| | | | 4.5 to 5.5 | – | 3.3 | 5.1 | – | 5.1 | – | 5.1 | |

CAPACITIVE CHARACTERISTICS

| Symbol | Parameter | Condition | Typical | Unit |
|------------------|--|--|------------|------|
| C _{IN} | Input Capacitance | V _{CC} = 5.5 V, V _{IN} = 0 V or V _{CC} | 2.5 | pF |
| C _{OUT} | Output Capacitance | V _{CC} = 5.5 V, V _{IN} = 0 V or V _{CC} | 4.0 | pF |
| C _{PD} | Power Dissipation Capacitance (Note 5) | 10 MHz, V _{CC} = 3.3 V, V _{IN} = 0 V or V _{CC} 10 MHz, V _{CC} = 5.0 V, V _{IN} = 0 V or V _{CC} | 16 19.5 | pF |

5. C_{PD} 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_{CC(OPR)} = C_{PD} • V_{CC} • f_{in} + I_{CC}. C_{PD} is used to determine the no-load dynamic power consumption; P_D = C_{PD} • V_{CC}² • f_{in} + I_{CC} • V_{CC}.



C_L includes probe and jig capacitance
 R_T is Z_{OUT} of pulse generator (typically 50 Ω)
 $f = 1$ MHz

Figure 10. Test Circuit

| Test | Switch Position | C_L , pF | R_L , Ω | R_1 , Ω |
|---------------------|-------------------|------------------------------|------------------|------------------|
| t_{PLH} / t_{PHL} | Open | See AC Characteristics Table | | |
| t_{PLZ} / t_{PZL} | $2 \times V_{CC}$ | 50 | 500 | 500 |
| t_{PHZ} / t_{PZH} | GND | 50 | 500 | 500 |

X = Don't Care

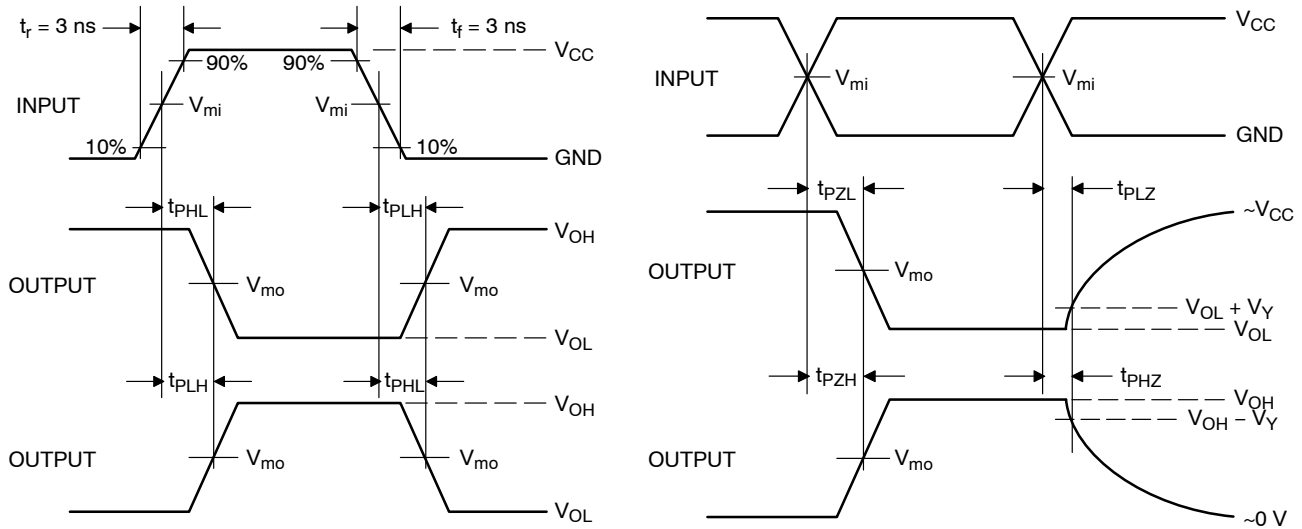


Figure 11. Switching Waveforms

| V_{CC} , V | V_{mi} , V | V_{mo} , V | | V_Y , V |
|--------------|--------------|--------------------|--------------------------------------|-----------|
| | | t_{PLH}, t_{PHL} | $t_{PZL}, t_{PLZ}, t_{PZH}, t_{PHZ}$ | |
| 1.65 to 1.95 | $V_{CC} / 2$ | $V_{CC} / 2$ | $V_{CC} / 2$ | 0.15 |
| 2.3 to 2.7 | $V_{CC} / 2$ | $V_{CC} / 2$ | $V_{CC} / 2$ | 0.15 |
| 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 |

NL7SZ97

DEVICE ORDERING INFORMATION

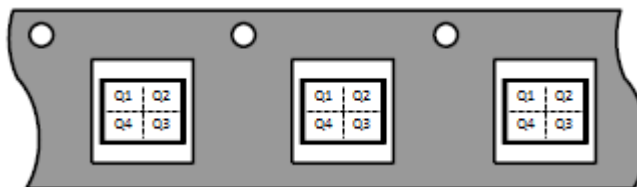
| Device | Package | Specific Device Code | Pin 1 Orientation (See below) | Shipping [†] |
|---|--------------------------------------|----------------------|----------------------------------|-----------------------|
| NL7SZ97DFT2G | SC-88 (Pb-Free) | MK | Q4 | 3000 / Tape & Reel |
| NL7SZ97DFT2G-Q* | SC-88 (Pb-Free) | MK | Q4 | 3000 / Tape & Reel |
| NL7SZ97DBVT1G | SC-74 (Pb-Free) | AN | Q4 | 3000 / Tape & Reel |
| NL7SZ97MU1TCG (Contact onsemi) | UDFN6, 1.45 x 1.0, 0.5P (Pb-Free) | 5 (Rotated 270° CW) | Q4 | 3000 / Tape & Reel |
| NL7SZ97MU2TCG (Contact onsemi) | UDFN6, 1.2 x 1.0, 0.4P | D (Rotated 270° CW) | Q4 | 3000 / Tape & Reel |
| NL7SZ97MU3TCG (Contact onsemi) | UDFN6, 1.0 x 1.0, 0.35P (Pb-Free) | TBD | Q4 | 3000 / Tape & Reel |

[†]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-Q101 Qualified and PPAP Capable.

Pin 1 Orientation in Tape and Reel

Direction of Feed



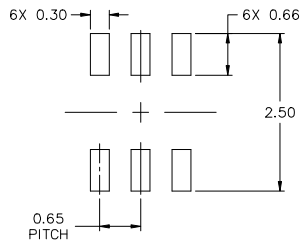
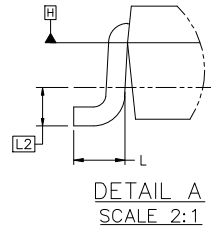
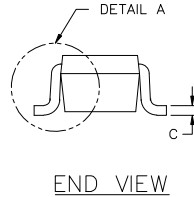
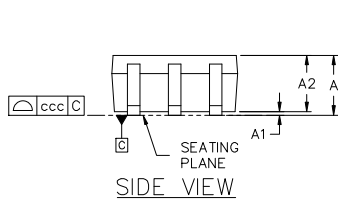
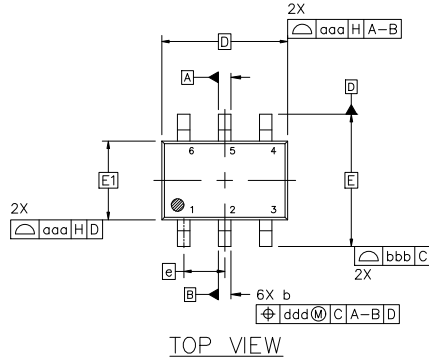
NL7SZ97

PACKAGE DIMENSIONS

SC-88 2.00x1.25x0.90, 0.65P
CASE 419B-02
ISSUE Z

NOTES:

1. DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5-2018.
2. ALL DIMENSION ARE IN MILLIMETERS.
3. DIMENSIONS D AND E1 DO NOT INCLUDE MOLD FLASH, PROTRUSIONS, OR GATE BURRS. MOLD FLASH, PROTRUSIONS, OR GATE BURRS SHALL NOT EXCEED 0.20 PER END.
4. DIMENSIONS D AND E1 AT THE OUTERMOST EXTREMES OF THE PLASTIC BODY AND DATUM H.
5. DATUMS A AND B ARE DETERMINED AT DATUM H.
6. DIMENSIONS b AND c APPLY TO THE FLAT SECTION OF THE LEAD BETWEEN 0.08 AND 0.15 FROM THE TIP.
7. DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL BE 0.08 TOTAL IN EXCESS OF DIMENSION b AT MAXIMUM MATERIAL CONDITION. THE DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OF THE FOOT.



| DIM | MILLIMETERS | | |
|-----|-------------|------|------|
| | MIN. | NOM. | MAX. |
| A | --- | --- | 1.10 |
| A1 | 0.00 | --- | 0.10 |
| A2 | 0.70 | 0.90 | 1.00 |
| b | 0.15 | 0.20 | 0.25 |
| c | 0.08 | 0.15 | 0.22 |
| D | 2.00 BSC | | |
| E | 2.10 BSC | | |
| E1 | 1.25 BSC | | |
| e | 0.65 BSC | | |
| L | 0.26 | 0.36 | 0.46 |
| L2 | 0.15 BSC | | |
| aaa | 0.15 | | |
| bbb | 0.30 | | |
| ccc | 0.10 | | |
| ddd | 0.10 | | |

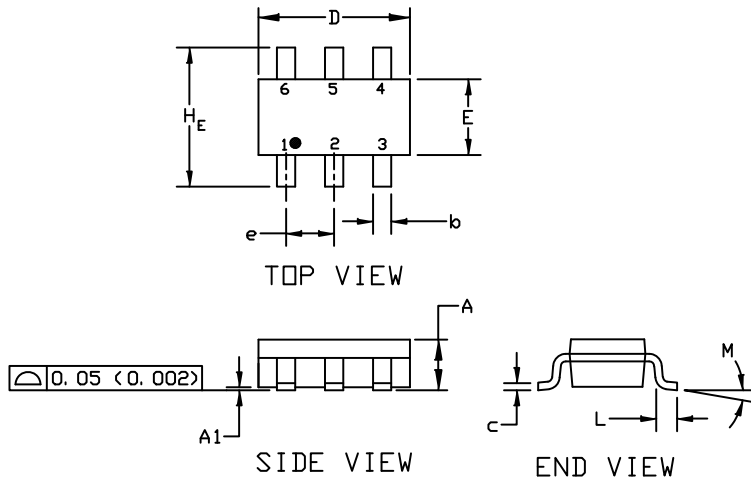
RECOMMENDED MOUNTING FOOTPRINT*

* FOR ADDITIONAL INFORMATION ON OUR Pb-FREE STRATEGY AND SOLDERING DETAILS, PLEASE DOWNLOAD THE ONSEMI SOLDERING AND MOUNTING TECHNIQUES REFERENCE MANUAL, SOLDERRM/D.

NL7SZ97

PACKAGE DIMENSIONS

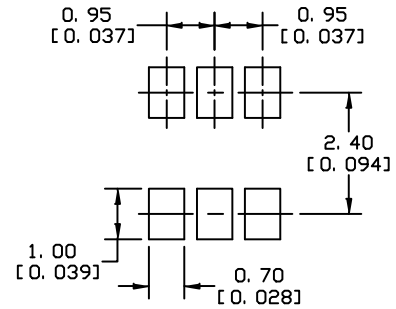
SC-74 CASE 318F ISSUE P



NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994
2. CONTROLLING DIMENSION: INCHES
3. MAXIMUM LEAD THICKNESS INCLUDES LEAD FINISH THICKNESS. MINIMUM LEAD THICKNESS IS THE MINIMUM THICKNESS OF THE BASE MATERIAL.

| DIM | MILLIMETERS | | | INCHES | | |
|----------------|-------------|------|------|--------|-------|-------|
| | MIN. | NOM. | MAX. | MIN. | NOM. | MAX. |
| A | 0.90 | 1.00 | 1.10 | 0.035 | 0.039 | 0.043 |
| A1 | 0.01 | 0.06 | 0.10 | 0.001 | 0.002 | 0.004 |
| b | 0.25 | 0.37 | 0.50 | 0.010 | 0.015 | 0.020 |
| c | 0.10 | 0.18 | 0.26 | 0.004 | 0.007 | 0.010 |
| D | 2.90 | 3.00 | 3.10 | 0.114 | 0.118 | 0.122 |
| E | 1.30 | 1.50 | 1.70 | 0.051 | 0.059 | 0.067 |
| e | 0.85 | 0.95 | 1.05 | 0.034 | 0.037 | 0.041 |
| H _E | 2.50 | 2.75 | 3.00 | 0.099 | 0.108 | 0.118 |
| L | 0.20 | 0.40 | 0.60 | 0.008 | 0.016 | 0.024 |
| M | 0° | --- | 10° | 0° | --- | 10° |



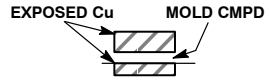
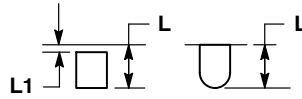
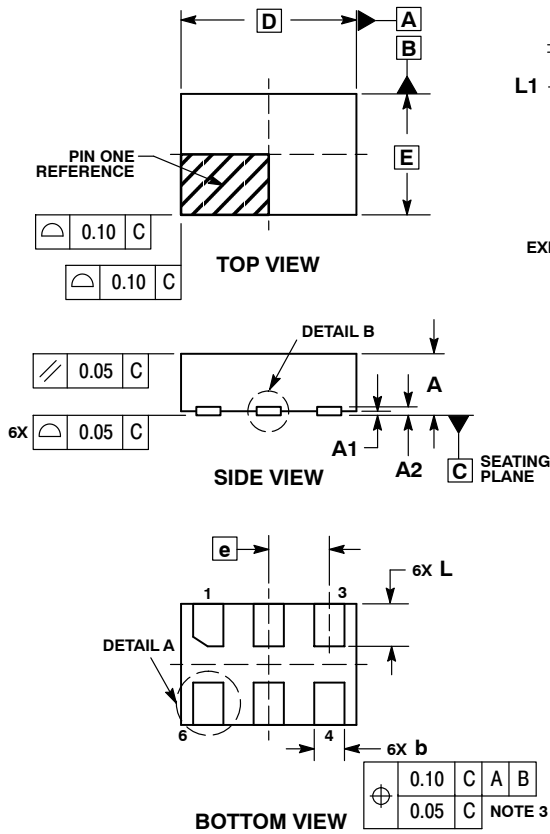
* For additional information on our Pb-Free strategy and soldering details, please download the DN Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

SOLDERING FOOTPRINT

NL7SZ97

PACKAGE DIMENSIONS

UDFN6, 1.45x1.0, 0.5P
CASE 517AQ
ISSUE O

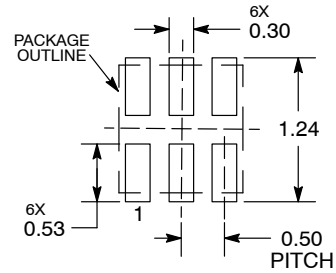


NOTES:

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



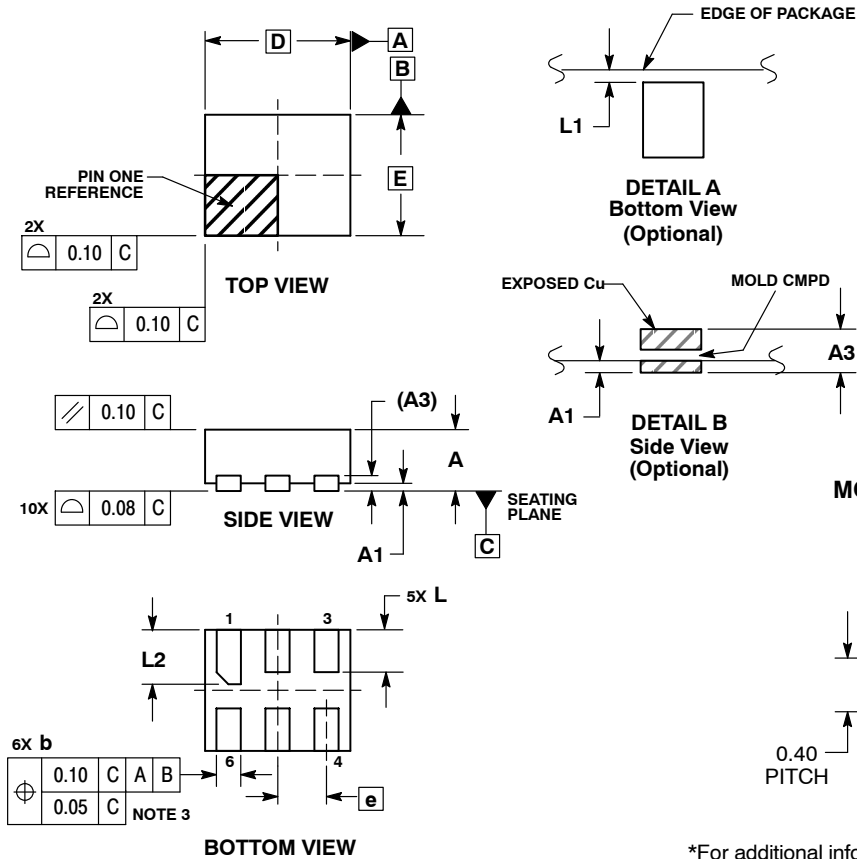
DIMENSIONS: MILLIMETERS

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

NL7SZ97

PACKAGE DIMENSIONS

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

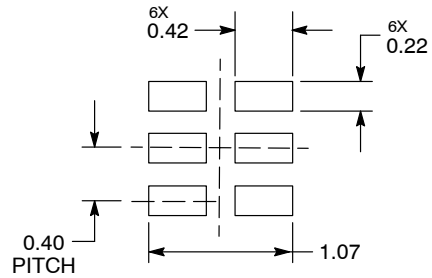


NOTES:

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.

| MILLIMETERS | | |
|-------------|-----------|------|
| DIM | 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*



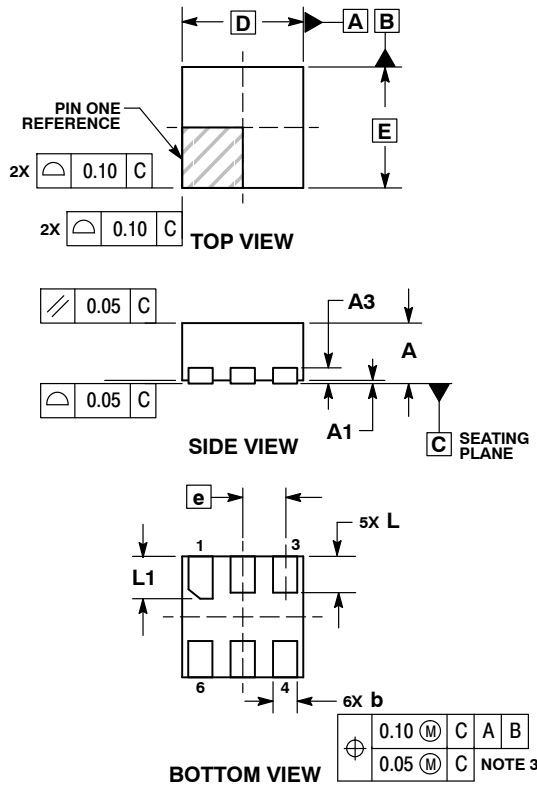
DIMENSIONS: MILLIMETERS

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

NL7SZ97

PACKAGE DIMENSIONS

UDFN6, 1x1, 0.35P
CASE 517BX
ISSUE O

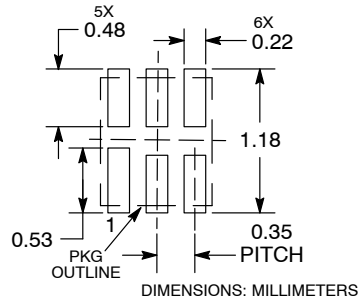


NOTES:

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 0.20 MM FROM TERMINAL TIP.
4. PACKAGE DIMENSIONS EXCLUSIVE OF BURRS AND MOLD FLASH.

| MILLIMETERS | | |
|-------------|----------|------|
| DIM | MIN | MAX |
| A | 0.45 | 0.55 |
| A1 | 0.00 | 0.05 |
| A3 | 0.13 REF | |
| b | 0.12 | 0.22 |
| D | 1.00 BSC | |
| E | 1.00 BSC | |
| e | 0.35 BSC | |
| L | 0.25 | 0.35 |
| L1 | 0.30 | 0.40 |

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.

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