

Ordering Information (Note 4)

| Logic De 74 : Logic LVC : 1.65 to Logic 1G : One o | Prefix 5 5.5 V Family | <u>74 LVC1</u> Function 32 : 2-Input OR Gate | G 32 XXX -7 Package W5 : SOT25 SE : SOT353 Z : SOT553 FS3 : X2-DFN080 FW5 : X1-DFN10 FW4 : X2-DFN10 FX4 : X2- DFN14 FZ4 : X2- DFN14 | 08-4 10-6 (Type B) 10-6 09-6 | Packing Tape & Reel |
|--|-----------------------------|---|--|---------------------------------------|----------------------------------|
| Part Number | Package Code | Package (Notes 5 & 6) | Package Size | 7" Tape Quantity | e and Reel Part Number Suffix |
| 74LVC1G32W5-7 | W5 | SOT25 | 3.0mm x 2.8mm x 1.2mm 0.95 mm lead pitch | 3000/Tape & Reel | -7 |
| 74LVC1G32SE-7 | SE | SOT353 | 2.0mm x 2.0mm x 1.1mm 0.65 mm lead pitch | 3000/Tape & Reel | -7 |
| 74LVC1G32Z-7 | Z | SOT553 | 1.6mm x 1.6 mm x 0.62mm 0.5 mm lead pitch | 4000/Tape & Reel | -7 |
| 74LVC1G32FS3-7 | FS3 | X2-DFN0808-4 | 0.8mm x 0.8mm x 0.35mm 0.5 mm pad pitch (diamond) | 5000/Tape & Reel | -7 |
| 74LVC1G32FW5-7 | FW5 | X1-DFN1010-6 (Type B) | 1.0mm x 1.0mm x 0.5mm 0.35 mm pad pitch | 5000/Tape & Reel | -7 |
| 74LVC1G32FW4-7 | FW4 | X2-DFN1010-6 | 1.0mm x 1.0mm x 0.4mm 0.35 mm pad pitch | 5000/Tape & Reel | -7 |
| 74LVC1G32FX4-7 | FX4 | X2-DFN1409-6 (Chip scale alternative) | 1.4mm x 0.9mm x 0.4mm 0.5 mm pad pitch | 5000/Tape & Reel | -7 |
| 74LVC1G32FZ4-7 | FZ4 | X2-DFN1410-6 | 1.4mm x 1.0mm x 0.4mm 0.5 mm pad pitch | 5000/Tape & Reel | -7 |

Notes:

For packaging details, go to our website at http://www.diodes.com/products/packages.html.
 Pad layout, as shown in Diodes Incorporated suggested pad layouts, can be found at http://www.diodes.com/package-outlines.html.
 The taping orientation is located on our website at https://www.diodes.com/assets/Packaging-Support-Docs/ap02007.pdf

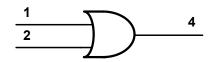
Pin Descriptions

| Pin Name | Description | |
|----------|----------------|--|
| A | Data Input | |
| В | Data Input | |
| GND | Ground | |
| Y | Data Output | |
| Vcc | Supply Voltage | |
| NC | No Connection | |

Function Table

| In | Output | |
|----|--------|---|
| Α | В | Y |
| Н | Х | Н |
| Х | Н | Н |
| L | L | L |

Logic Diagram



| Symbol | Description | Rating | Unit |
|-----------------------------------|---|------------------------------|------|
| ESD HBM | Human Body Model ESD Protection | 2 | kV |
| ESD CDM | Charged Device Model ESD Protection | 1 | kV |
| ESD MM | Machine Model ESD Protection | 200 | V |
| Vcc | Supply Voltage Range | -0.5 to 6.5 | V |
| VI | Input Voltage Range | -0.5 to 6.5 | V |
| Vo | Voltage Applied to Output in High Impedance or IOFF State | -0.5 to 6.5 | V |
| Vo | Voltage Applied to Output in High or Low State. | -0.5 to V _{CC} +0.5 | V |
| I _{IK} | Input Clamp Current V _I < 0 | -50 | mA |
| loκ | Output Clamp Current | -50 | mA |
| Ιo | Continuous Output Current | ±50 | mA |
| I _{CC,} I _{GND} | Continuous Current Through V _{CC} or GND | ±100 | mA |
| TJ | Operating Junction Temperature | -40 to +150 | °C |
| T _{STG} | Storage Temperature | -65 to +150 | °C |

Absolute Maximum Ratings (Notes 7 & 8) (@T_A = +25°C, unless otherwise specified.)

Notes: 7. Stresses beyond the absolute maximum may result in immediate failure or reduced reliability. These are stress values and device operation should be within recommend values.

8. Forcing the maximum allowed voltage could cause a condition exceeding the maximum current or conversely forcing the maximum current could cause a condition exceeding the maximum voltage. The ratings of both current and voltage must be maintained within the controlled range.

Recommended Operating Conditions (Note 9) (@T_A = +25°C, unless otherwise specified.)

| Symbol | | Parameter | Min | Max | Unit | |
|-----------------|------------------------------------|--------------------------------------|------------------------|------------------------|------|--|
| N/ | | Operating | 1.65 | 5.5 | V | |
| Vcc | Operating Voltage | Data retention only | 1.5 | — | V | |
| | | V _{CC} = 1.65V to 1.95V | 0.65 x V _{CC} | — | | |
| | | V _{CC} = 2.3V to 2.7V | 1.7 | — | v | |
| VIH | High-Level Input Voltage | V _{CC} = 3V to 3.6V | 2 | — | v | |
| | | V_{CC} = 4.5V to 5.5V | 0.7 x V _{CC} | — | | |
| | | V _{CC} = 1.65V to 1.95V | _ | 0.35 x V _{CC} | | |
| N/ | | V _{CC} = 2.3V to 2.7V | _ | 0.7 | v | |
| VIL | Low-Level Input voltage | V _{CC} = 3V to 3.6V | _ | 0.8 | v | |
| | | V _{CC} = 4.5V to 5.5V | _ | 0.3 x V _{CC} | | |
| VI | Input Voltage | | 0 | 5.5 | V | |
| Vo | Output Voltage | | 0 | Vcc | V | |
| | | V _{CC} = 1.65V | _ | -4 | | |
| | | V _{CC} = 2.3V | _ | -8 | | |
| Let i | High Lovel Output Current | V _{CC} = 2.7V | _ | -12 | mA | |
| lон | High-Level Output Current | V _{CC} = 3V | _ | -16 | | |
| | | | — | -24 | | |
| | | V _{CC} = 4.5V | — | -32 | | |
| | | V _{CC} = 1.65V | — | 4 | | |
| | | $V_{CC} = 2.3V$ | — | 8 | | |
| I _{OL} | Low-Level Output Current | V _{CC} = 2.7V | — | 12 | mA | |
| IOL | | V _{CC} = 3V | — | 16 | | |
| | | VCC - 3V | — | 24 |] | |
| | | $V_{CC} = 4.5V$ | — | 32 | | |
| | | V_{CC} = 1.8V ± 0.15V, 2.5V ± 0.2V | | 20 | | |
| Δt/ΔV | Input transition Rise or Fall Rate | $V_{CC} = 3.3V \pm 0.3V$ | | 10 | ns/V | |
| | | $V_{CC} = 5V \pm 0.5V$ | | 5 | | |
| T _A | Operating Free-Air Temperature | — | -40 | +125 | °C | |

Note: 9. Unused inputs should be held at V_{CC} or Ground.



Electrical Characteristics (All typical values are at V_{CC} = 3.3V, T_A = +25°C)

| Symphol | Parameter | Test Conditions V _{CC} | | -4 | 0°C to +85° | °C | -40°C to | +125°C | Unit |
|------------------|----------------------------------|--|---------------|----------------|-------------|------|-----------------------|--------|------|
| Symbol | Parameter | lest Conditions | Vcc | Min | Тур | Max | Min | Max | Unit |
| | | I _{OH} = -100μA | 1.65V to 5.5V | $V_{CC} - 0.1$ | _ | _ | V _{CC} – 0.1 | _ | |
| | | I _{OH} = -4mA | 1.65V | 1.2 | _ | _ | 0.95 | _ | |
| | | I _{OH} = -8mA | 2.3V | 1.9 | _ | — | 1.7 | _ | |
| Vон | High-Level Output Voltage | I _{OL} = -12mA | 2.7V | 2.2 | _ | — | 1.9 | _ | V |
| | output voltage | I _{OH} = -16mA | 3V | 2.4 | _ | — | 2.2 | _ | |
| | | I _{OH} = -24mA | 3V | 2.3 | _ | _ | 2.0 | _ | |
| | | I _{OH} = -32mA | 4.5V | 3.8 | _ | _ | 3.4 | _ | |
| | | I _{OL} = 100μA | 1.65V to 5.5V | — | _ | 0.1 | — | 0.1 | |
| | | I _{OL} = 4mA | 1.65V | _ | _ | 0.45 | — | 0.7 | v |
| | | I _{OL} = 8mA | 2.3V | _ | _ | 0.3 | — | 0.45 | |
| V _{OL} | Low-Level Output Voltage | I _{OL} = 12mA | 2.7V | _ | _ | 0.4 | _ | 0.6 | |
| | output voltage | I _{OL} = 16mA | 3V | _ | _ | 0.4 | — | 0.6 | |
| | | I _{OL} = 24mA | 3V | _ | _ | 0.55 | — | 0.8 | |
| | | I _{OL} = 32mA | 4.5V | _ | _ | 0.55 | — | .8 | |
| lı | Input Current | V _I = 5.5 V or GND | 0 to 5.5V | _ | ± 0.1 | ±5 | — | ± 100 | μA |
| IOFF | Power Down Leakage Current | $V_{\rm I}$ or $V_{\rm O}$ = 5.5V | 0V | _ | _ | ±10 | _ | ±200 | μΑ |
| Icc | Supply Current | V ₁ = 5.5V or GND I _O =0 | 5.5V | _ | 0.1 | 10 | _ | 200 | μA |
| ΔI _{CC} | Additional Supply Current | One input at V_{CC} –0.6V Other inputs at V_{CC} or GND | 3V to 5.5V | _ | _ | 500 | _ | 5000 | μΑ |
| Ci | Input Capacitance | $V_i = V_{CC} - \text{ or } GND$ | 3.3V | _ | 5 | _ | — | _ | pF |

Package Characteristics (All typical values are at V_{CC} = 3.3V, T_A = +25°C)

| Symbol | Parameter | Test Conditions | Vcc | Min | Тур. | Max | Unit |
|-----------------|---------------------|-----------------------|-----------|-----|------|-----|------|
| | | SOT25 | | — | 204 | _ | |
| | | SOT353 | | _ | 371 | _ | |
| | | SOT553 | | — | 231 | _ | |
| 0 | Thermal Resistance | X2-DFN0808-4 | (Note 10) | | 400 | _ | °CM/ |
| θ _{JA} | Junction-to-Ambient | X1-DFN1010-6 (Type B) | (Note 10) | | 435 | _ | °C/W |
| | | X2-DFN1010-6 | | _ | 445 | _ | |
| | | X2-DFN1409-6 | | _ | 470 | _ | |
| | | X2-DFN1410-6 | | _ | 460 | _ | |
| | | SOT25 | | — | 52 | _ | |
| | | SOT353 | | — | 143 | _ | |
| | | SOT553 | | — | 105 | _ | |
| 0 | Thermal Resistance | X2-DFN0808-4 | (Note 10) | — | 225 | _ | °C/W |
| θ _{JC} | Junction-to-Case | X1-DFN1010-6 (Type B) | (Note 10) | — | 250 | _ | C/vv |
| | | X2-DFN1010-6 | | — | 250 | _ | |
| | | X2-DFN1409-6 | | — | 275 | _ | |
| | | X2-DFN1410-6 | | — | 265 | _ | |

Note: 10. Test condition for each of the 8 package types: Device mounted on FR-4 substrate PC board, 2oz copper, with minimum recommended pad layout.



Switching Characteristics

| Parameter | From | То | Vcc | TA | = -40°C to +8 | 5°C | T _A = -40°C | to +125°C | Unit |
|-----------------|--------|--------|--------------|-----|---------------|-----|------------------------|-----------|------|
| Falameter | Input | Output | VCC | Min | Тур. | Max | Min | Max | Unit |
| | | | 1.8V ± 0.15V | 1.0 | 3.1 | 8.0 | 1.0 | 10.5 | |
| | | | 2.5V ± 0.2V | 0.5 | 2.1 | 5.5 | 0.5 | 7.0 | |
| t _{pd} | A or B | Y | 2.7V | 0.5 | 2.5 | 5.5 | 0.5 | 7.0 | ns |
| | | | 3.3V ± 0.3V | 0.5 | 2.1 | 4.5 | 0.5 | 6.0 | |
| | | | 5.0V ± 0.5V | 0.5 | 1.7 | 4.0 | 0.5 | 5.5 | |

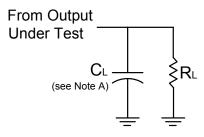
Figure 1 Typical Values at T_A = +25°C and nominal voltages 1.8V, 2.5V, 2.7V, 3.3V, and 5.0V.

Operating Characteristics

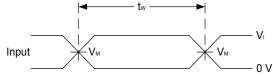
| T _A = +25°C | | | | | | | |
|------------------------|----------------------------------|--------------------|------------------------|------------------------|------------------------|---------------|------|
| Parameter | | Test Conditions | V _{CC} = 1.8V | V _{CC} = 2.5V | V _{CC} = 3.3V | $V_{CC} = 5V$ | Unit |
| | Faranieter | | Тур | Тур | Тур | Тур | Onit |
| C _{pd} | Power Dissipation Capacitance | f = 10MHz | 20 | 20 | 21 | 22 | pF |



Parameter Measurement Information



| V | In | puts | N | 0 | P |
|-----------------|-----------------|--------------------------------|--------------------|------|------|
| V _{cc} | VI | t _r /t _f | V _M | CL | RL |
| 1.8V ± 0.15V | Vcc | ≤2ns | V _{CC} /2 | 30pF | 1kΩ |
| 2.5V ± 0.2V | Vcc | ≤2ns | V _{CC} /2 | 30pF | 500Ω |
| 2.7V | Vcc | ≤2.5ns | 1.5V | 50pF | 500Ω |
| 3.3V ± 0.3V | 3.0V | ≤2.5ns | 1.5V | 50pF | 500Ω |
| 5.0V ± 0.5V | V _{CC} | ≤2.5ns | V _{CC} /2 | 50pF | 500Ω |



Voltage Waveform Pulse Duration

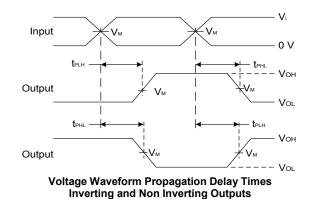


Figure 1 Load Circuit and Voltage Waveforms

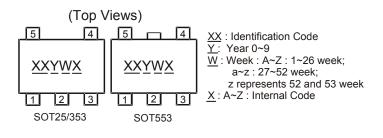
Notes:

- A. Includes test lead and test apparatus capacitance.
 B. All pulses are supplied at pulse repetition rate ≤ 10MHz.
 C. Inputs are measured separately one transition per measurement.
- D. t_{PLH} and t_{PHL} are the same as $t_{\text{PD}}.$



Marking Information

(1) SOT25, SOT353 and SOT553



| Part Number | Package | Identification Code |
|---------------|---------|---------------------|
| 74LVC1G32W5-7 | SOT25 | UW |
| 74LVC1G32SE-7 | SOT353 | UW |
| 74LVC1G32Z-7 | SOT553 | UW |

(2) DFN Packages

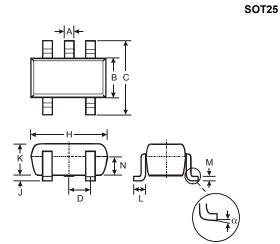


 $\begin{array}{l} \underline{XX}: \mbox{ Identification Code} \\ \underline{Y}: \mbox{ Year 0~9} \\ \underline{W}: \mbox{ Week : } A~Z: 1~26 week; \\ a~z: 27~52 week; \\ z \mbox{ represents 52 and 53 week} \\ \underline{X}: \mbox{ A~Z}: \mbox{ Internal Code} \end{array}$

| Part Number | Package | Identification Code |
|----------------|-----------------------|---------------------|
| 74LVC1G32FS3-7 | X2-DFN0808-4 | WW |
| 74LVC1G32FW5-7 | X1-DFN1010-6 (Type B) | VP |
| 74LVC1G32FW4-7 | X2-DFN1010-6 | UW |
| 74LVC1G32FX4-7 | X2-DFN1409-6 | MJ |
| 74LVC1G32FZ4-7 | X2-DFN1410-6 | UW |



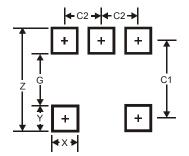
Please see http://www.diodes.com/package-outlines.html for the latest version



| | SOT25 | | | |
|-------|----------------------|------|------|--|
| Dim | Min | Max | Тур | |
| Α | 0.35 | 0.50 | 0.38 | |
| В | 1.50 | 1.70 | 1.60 | |
| С | 2.70 | 3.00 | 2.80 | |
| D | - | - | 0.95 | |
| н | 2.90 | 3.10 | 3.00 | |
| J | 0.013 | 0.10 | 0.05 | |
| κ | 1.00 | 1.30 | 1.10 | |
| L | 0.35 | 0.55 | 0.40 | |
| Μ | 0.10 | 0.20 | 0.15 | |
| Ν | 0.70 | 0.80 | 0.75 | |
| α | 0° | 8° | - | |
| All D | All Dimensions in mm | | | |

Suggested Pad Layout

SOT25

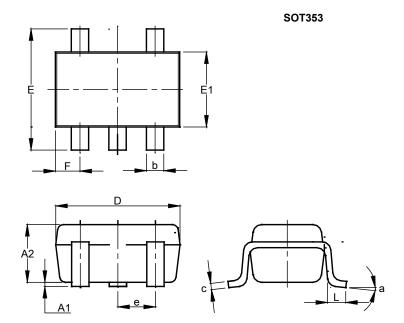


| Dimensions | Value |
|------------|-------|
| Z | 3.20 |
| G | 1.60 |
| Х | 0.55 |
| Y | 0.80 |
| C1 | 2.40 |
| C2 | 0.95 |

SOT25 Package Information Rev. 2017-04-11

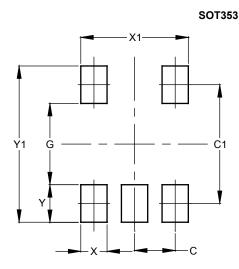


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| | SOT353 | | | | |
|-----|----------------------|---------|-------|--|--|
| Dim | Min | Max | Тур | | |
| A1 | 0.00 | 0.10 | 0.05 | | |
| A2 | 0.90 | 1.00 | 0.95 | | |
| b | 0.10 | 0.30 | 0.25 | | |
| С | 0.10 | 0.22 | 0.11 | | |
| D | 1.80 | 2.20 | 2.15 | | |
| Е | 2.00 | 2.20 | 2.10 | | |
| E1 | 1.15 | 1.35 | 1.30 | | |
| е | C |).650 B | SC | | |
| F | 0.40 | 0.45 | 0.425 | | |
| L | 0.25 | 0.40 | 0.30 | | |
| а | 0° | 8° | | | |
| All | All Dimensions in mm | | | | |

Suggested Pad Layout

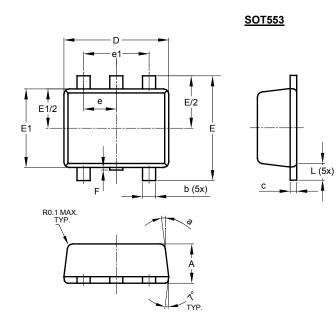


| Dimensions | Value (in mm) |
|------------|------------------|
| С | 0.650 |
| C1 | 1.900 |
| G | 1.300 |
| Х | 0.420 |
| X1 | 1.720 |
| Y | 0.600 |
| Y1 | 2.500 |

SOT353 Package Information Rev. 2018-01-16

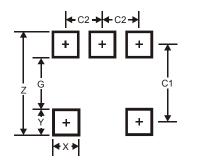


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| | SOT553 | | | |
|-----|----------------------|--------|------|--|
| Dim | Min | Max | Тур | |
| Α | 0.55 | 0.62 | 0.60 | |
| b | 0.15 | 0.30 | 0.20 | |
| С | 0.10 | 0.18 | 0.15 | |
| D | 1.50 | 1.70 | 1.60 | |
| E | 1.55 | 1.70 | 1.60 | |
| E1 | 1.10 | 1.25 | 1.20 | |
| е | 0. | 50 BS(| 0 | |
| e1 | 1.0 | 00 BS(| 0 | |
| F | 0.00 | 0.10 | | |
| L | 0.10 | 0.30 | 0.20 | |
| а | 6° | 8° | 7° | |
| | All Dimensions in mm | | | |

Suggested Pad Layout



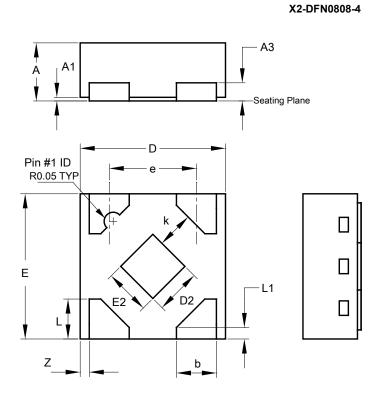
SOT553

| Dimensions | Value |
|------------|-------|
| Z | 2.2 |
| G | 1.2 |
| Х | 0.375 |
| Y | 0.5 |
| C1 | 1.7 |
| C2 | 0.5 |

SOT553 Package Information Rev. 2015-06-11



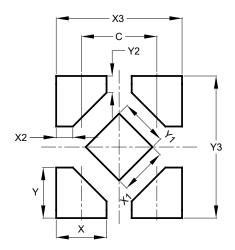
Please see http://www.diodes.com/package-outlines.html for the latest version.



| | X2-DFN0808-4 | | | | |
|-----|----------------------|------|------|--|--|
| Dim | Min | Max | Тур | | |
| Α | 0.25 | 0.35 | 0.30 | | |
| A1 | 0 | 0.04 | 0.02 | | |
| A3 | - | - | 0.13 | | |
| b | 0.17 | 0.27 | 0.22 | | |
| D | 0.75 | 0.85 | 0.80 | | |
| D2 | 0.15 | 0.35 | 0.25 | | |
| Е | 0.75 | 0.85 | 0.80 | | |
| E2 | 0.15 | 0.35 | 0.25 | | |
| е | - | - | 0.48 | | |
| k | 0.20 | - | - | | |
| L | 0.17 | 0.27 | 0.22 | | |
| L1 | 0.02 | 0.12 | 0.07 | | |
| z | - | - | 0.05 | | |
| A | All Dimensions in mm | | | | |

Suggested Pad Layout

X2-DFN0808-4

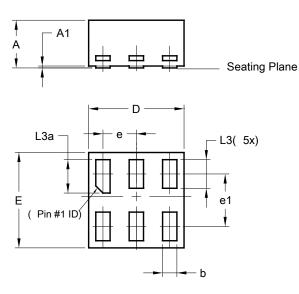


X2-DFN0808-4 Package Information Rev. 2015-06-05

| Dimensions | Value |
|------------|-------|
| С | 0.480 |
| х | 0.320 |
| X1 | 0.300 |
| X2 | 0.106 |
| X3 | 0.800 |
| Y | 0.320 |
| Y1 | 0.300 |
| Y2 | 0.106 |
| Y3 | 0.900 |



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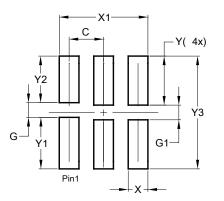


| | X1-DFN1010-6 (Type B) | | | |
|-----|--------------------------|--------|------|--|
| Dim | Min | Max | Тур | |
| Α | - | 0.50 | 0.39 | |
| A1 | 1 | 0.04 | - | |
| b | 0.12 | 0.20 | 0.15 | |
| D | 0.95 | 1.050 | 1.00 | |
| Е | 0.95 | 1.050 | 1.00 | |
| е | | 0.35 B | SC | |
| e1 | | 0.55 B | SC | |
| L3 | 0.27 | 0.30 | 0.30 | |
| L3a | 0.32 | 0.40 | 0.35 | |
| All | All Dimensions in mm | | | |

Suggested Pad Layout

X1-DFN1010-6 (Type B)

X1-DFN1010-6 (Type B)



| Dimensions | Value |
|------------|---------|
| Dimensions | (in mm) |
| С | 0.350 |
| G | 0.150 |
| G1 | 0.150 |
| Х | 0.200 |
| X1 | 0.900 |
| Y | 0.500 |
| Y1 | 0.525 |
| Y2 | 0.475 |
| Y3 | 1.150 |

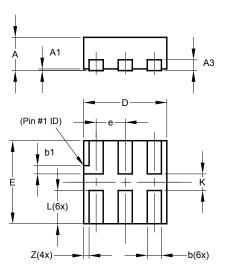
X1-DFN1010-6 (Type B) Package Information Rev. 2015-06-05



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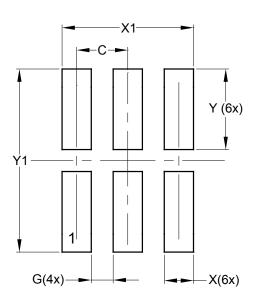
X2-DFN1010-6

X2-DFN1010-6



| | X2-DFN1010-6 | | | |
|-----|----------------------|------|-------|--|
| Dim | Min | Max | Тур | |
| Α | _ | 0.40 | 0.39 | |
| A1 | 0.00 | 0.05 | 0.02 | |
| A3 | | | 0.13 | |
| b | 0.14 | 0.20 | 0.17 | |
| b1 | 0.05 | 0.15 | 0.10 | |
| D | 0.95 | 1.05 | 1.00 | |
| E | 0.95 | 1.05 | 1.00 | |
| е | | _ | 0.35 | |
| L | 0.35 | 0.45 | 0.40 | |
| K | 0.15 | | - | |
| Z | | _ | 0.065 | |
| All | All Dimensions in mm | | | |

Suggested Pad Layout



 Dimensions
 Value (in mm)

 C
 0.350

 G
 0.150

 X
 0.200

 X1
 0.900

 Y
 0.550

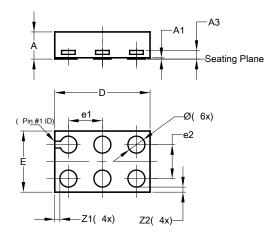
 Y1
 1.250

X2-DFN1010-6 Package Information Rev. 2018-07-17



Please see http://www.diodes.com/package-outlines.html for the latest version.

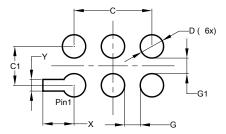
X2-DFN1409-6 CHIP SCALE ALTERNATIVE



| X2-DFN1409-6 | | | |
|----------------------|------|------|-------|
| Dim | Min | Max | Тур |
| Α | - | 0.40 | 0.39 |
| A1 | 0 | 0.05 | 0.02 |
| A3 | - | - | 0.13 |
| Ø | 0.20 | 0.30 | 0.25 |
| D | 1.35 | 1.45 | 1.40 |
| E | 0.85 | 0.95 | 0.90 |
| e1 | - | - | 0.50 |
| e2 | - | - | 0.50 |
| Z1 | - | - | 0.075 |
| Z2 | - | - | 0.075 |
| All Dimensions in mm | | | |

Suggested Pad Layout

X2-DFN1409-6 CHIP SCALE ALTERNATIVE

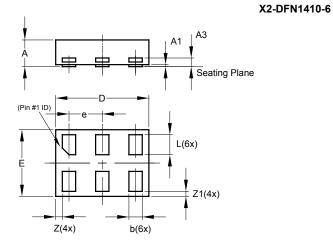


| Dimensions | Value | |
|------------|---------|--|
| Dimensions | (in mm) | |
| С | 1.000 | |
| C1 | 0.500 | |
| D | 0.300 | |
| G | 0.200 | |
| G1 | 0.200 | |
| Х | 0.400 | |
| Y | 0.150 | |

X2-DFN1409-6 Package Information Rev. 2018-07-17

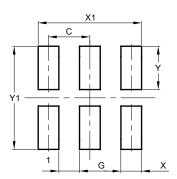


Please see http://www.diodes.com/package-outlines.html for the latest version.



| X2-DFN1410-6 | | | | |
|----------------------|-------|-------|-------|--|
| Dim | Min | Max | Тур | |
| Α | | 0.40 | 0.39 | |
| A1 | 0.00 | 0.05 | 0.02 | |
| A3 | | | 0.13 | |
| b | 0.15 | 0.25 | 0.20 | |
| D | 1.35 | 1.45 | 1.40 | |
| ш | 0.95 | 1.05 | 1.00 | |
| e | | | 0.50 | |
| L | 0.25 | 0.35 | 0.30 | |
| Z | _ | | 0.10 | |
| Z1 | 0.045 | 0.105 | 0.075 | |
| All Dimensions in mm | | | | |

Suggested Pad Layout



| X2-DFN1410-6 | |
|--------------|--|
| | |

| Dimensions | Value (in mm) |
|------------|------------------|
| C | 0.500 |
| G | 0.250 |
| Х | 0.250 |
| X1 | 1.250 |
| Y | 0.525 |
| Y1 | 1.250 |

X2-DFN1410-6 Package Information Rev. 2015-06-08



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