

**TAPE AND REEL INFORMATION**

**QUADRANT ASSIGNMENTS FOR PIN 1 ORIENTATION IN TAPE**


\*All dimensions are nominal

| Device     | Package Type | Package Drawing | Pins | SPQ  | Reel Diameter (mm) | Reel Width W1 (mm) | A0 (mm) | B0 (mm) | K0 (mm) | P1 (mm) | W (mm) | Pin1 Quadrant |
|------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| MAX232DR   | SOIC         | D               | 16   | 2500 | 330.0              | 16.4               | 6.5     | 10.3    | 2.1     | 8.0     | 16.0   | Q1            |
| MAX232DR   | SOIC         | D               | 16   | 2500 | 330.0              | 16.4               | 6.5     | 10.3    | 2.1     | 8.0     | 16.0   | Q1            |
| MAX232IDR  | SOIC         | D               | 16   | 2500 | 330.0              | 16.4               | 6.5     | 10.3    | 2.1     | 8.0     | 16.0   | Q1            |
| MAX232IDR  | SOIC         | D               | 16   | 2500 | 330.0              | 16.4               | 6.5     | 10.3    | 2.1     | 8.0     | 16.0   | Q1            |
| MAX232IDWR | SOIC         | DW              | 16   | 2000 | 330.0              | 16.4               | 10.75   | 10.7    | 2.7     | 12.0    | 16.0   | Q1            |
| MAX232NSR  | SOP          | NS              | 16   | 2000 | 330.0              | 16.4               | 8.1     | 10.4    | 2.5     | 12.0    | 16.0   | Q1            |

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

| Device     | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|------------|--------------|-----------------|------|------|-------------|------------|-------------|
| MAX232DR   | SOIC         | D               | 16   | 2500 | 333.2       | 345.9      | 28.6        |
| MAX232DR   | SOIC         | D               | 16   | 2500 | 340.5       | 336.1      | 32.0        |
| MAX232IDR  | SOIC         | D               | 16   | 2500 | 353.0       | 353.0      | 32.0        |
| MAX232IDR  | SOIC         | D               | 16   | 2500 | 340.5       | 336.1      | 32.0        |
| MAX232IDWR | SOIC         | DW              | 16   | 2000 | 350.0       | 350.0      | 43.0        |
| MAX232NSR  | SOP          | NS              | 16   | 2000 | 353.0       | 353.0      | 32.0        |

**TUBE**


\*All dimensions are nominal

| Device    | Package Name | Package Type | Pins | SPQ | L (mm) | W (mm) | T (μm) | B (mm) |
|-----------|--------------|--------------|------|-----|--------|--------|--------|--------|
| MAX232N   | N            | PDIP         | 16   | 25  | 506    | 13.97  | 11230  | 4.32   |
| MAX232N.A | N            | PDIP         | 16   | 25  | 506    | 13.97  | 11230  | 4.32   |
| MAX232N.B | N            | PDIP         | 16   | 25  | 506    | 13.97  | 11230  | 4.32   |
| MAX232NE4 | N            | PDIP         | 16   | 25  | 506    | 13.97  | 11230  | 4.32   |