

**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 |
|----------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| TPIC6C596DR    | SOIC         | D               | 16   | 2500 | 330.0              | 16.4               | 6.5     | 10.3    | 2.1     | 8.0     | 16.0   | Q1            |
| TPIC6C596DRG4  | SOIC         | D               | 16   | 2500 | 330.0              | 16.4               | 6.5     | 10.3    | 2.1     | 8.0     | 16.0   | Q1            |
| TPIC6C596DRQ1  | SOIC         | D               | 16   | 2500 | 330.0              | 16.4               | 6.5     | 10.3    | 2.1     | 8.0     | 16.0   | Q1            |
| TPIC6C596PWR   | TSSOP        | PW              | 16   | 2000 | 330.0              | 12.4               | 6.9     | 5.6     | 1.6     | 8.0     | 12.0   | Q1            |
| TPIC6C596PWRG4 | TSSOP        | PW              | 16   | 2000 | 330.0              | 12.4               | 6.9     | 5.6     | 1.6     | 8.0     | 12.0   | Q1            |

## TAPE AND REEL BOX DIMENSIONS



\*All dimensions are nominal

| Device         | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|----------------|--------------|-----------------|------|------|-------------|------------|-------------|
| TPIC6C596DR    | SOIC         | D               | 16   | 2500 | 356.0       | 356.0      | 35.0        |
| TPIC6C596DRG4  | SOIC         | D               | 16   | 2500 | 356.0       | 356.0      | 35.0        |
| TPIC6C596DRQ1  | SOIC         | D               | 16   | 2500 | 356.0       | 356.0      | 35.0        |
| TPIC6C596PWR   | TSSOP        | PW              | 16   | 2000 | 350.0       | 350.0      | 43.0        |
| TPIC6C596PWRG4 | TSSOP        | PW              | 16   | 2000 | 350.0       | 350.0      | 43.0        |

**TUBE**


\*All dimensions are nominal

| Device       | Package Name | Package Type | Pins | SPQ | L (mm) | W (mm) | T (μm) | B (mm) |
|--------------|--------------|--------------|------|-----|--------|--------|--------|--------|
| TPIC6C596D   | D            | SOIC         | 16   | 40  | 505.46 | 6.76   | 3810   | 4      |
| TPIC6C596D   | D            | SOIC         | 16   | 40  | 506.6  | 8      | 3940   | 4.32   |
| TPIC6C596DG4 | D            | SOIC         | 16   | 40  | 506.6  | 8      | 3940   | 4.32   |
| TPIC6C596DG4 | D            | SOIC         | 16   | 40  | 505.46 | 6.76   | 3810   | 4      |
| TPIC6C596N   | N            | PDIP         | 16   | 25  | 506    | 13.97  | 11230  | 4.32   |
| TPIC6C596PW  | PW           | TSSOP        | 16   | 90  | 530    | 10.2   | 3600   | 3.5    |