

**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 |
|--------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| TLV1811DBVR  | SOT-23       | DBV             | 5    | 3000 | 178.0              | 9.0                | 2.4     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TLV1811DCKR  | SC70         | DCK             | 5    | 3000 | 178.0              | 9.0                | 2.4     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TLV1811LDBVR | SOT-23       | DBV             | 5    | 3000 | 178.0              | 9.0                | 2.4     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TLV1811LDCKR | SC70         | DCK             | 6    | 3000 | 178.0              | 9.0                | 2.4     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TLV1812DDFR  | SOT-23-THIN  | DDF             | 8    | 3000 | 180.0              | 8.4                | 3.2     | 3.2     | 1.4     | 4.0     | 8.0    | Q3            |
| TLV1812DGKR  | VSSOP        | DGK             | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| TLV1812DR    | SOIC         | D               | 8    | 3000 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| TLV1812DSGR  | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| TLV1812PWR   | TSSOP        | PW              | 8    | 3000 | 330.0              | 12.4               | 7.0     | 3.6     | 1.6     | 8.0     | 12.0   | Q1            |
| TLV1814DR    | SOIC         | D               | 14   | 3000 | 330.0              | 16.4               | 6.5     | 9.0     | 2.1     | 8.0     | 16.0   | Q1            |
| TLV1814DYR   | SOT-23-THIN  | DYY             | 14   | 3000 | 330.0              | 12.4               | 4.8     | 3.6     | 1.6     | 8.0     | 12.0   | Q3            |
| TLV1814PWR   | TSSOP        | PW              | 14   | 3000 | 330.0              | 12.4               | 6.9     | 5.6     | 1.6     | 8.0     | 12.0   | Q1            |
| TLV1814RTER  | WQFN         | RTE             | 16   | 5000 | 330.0              | 12.4               | 3.3     | 3.3     | 1.1     | 8.0     | 12.0   | Q2            |
| TLV1821DBVR  | SOT-23       | DBV             | 5    | 3000 | 178.0              | 9.0                | 2.4     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TLV1821DCKR  | SC70         | DCK             | 5    | 3000 | 178.0              | 9.0                | 2.4     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |

| 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 |
|--------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| TLV1821LDBVR | SOT-23       | DBV             | 5    | 3000 | 178.0              | 9.0                | 2.4     | 2.5     | 1.2     | 4.0     | 8.0    | Q3            |
| TLV1822DDFR  | SOT-23-THIN  | DDF             | 8    | 3000 | 180.0              | 8.4                | 3.2     | 3.2     | 1.4     | 4.0     | 8.0    | Q3            |
| TLV1822DGKR  | VSSOP        | DGK             | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| TLV1822DR    | SOIC         | D               | 8    | 3000 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| TLV1822DSGR  | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| TLV1822PWR   | TSSOP        | PW              | 8    | 3000 | 330.0              | 12.4               | 7.0     | 3.6     | 1.6     | 8.0     | 12.0   | Q1            |
| TLV1824DR    | SOIC         | D               | 14   | 3000 | 330.0              | 16.4               | 6.5     | 9.0     | 2.1     | 8.0     | 16.0   | Q1            |
| TLV1824DYYR  | SOT-23-THIN  | DYY             | 14   | 3000 | 330.0              | 12.4               | 4.8     | 3.6     | 1.6     | 8.0     | 12.0   | Q3            |
| TLV1824PWR   | TSSOP        | PW              | 14   | 3000 | 330.0              | 12.4               | 6.9     | 5.6     | 1.6     | 8.0     | 12.0   | Q1            |
| TLV1824RTER  | WQFN         | RTE             | 16   | 5000 | 330.0              | 12.4               | 3.3     | 3.3     | 1.1     | 8.0     | 12.0   | Q2            |

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

| Device       | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|--------------|--------------|-----------------|------|------|-------------|------------|-------------|
| TLV1811DBVR  | SOT-23       | DBV             | 5    | 3000 | 180.0       | 180.0      | 18.0        |
| TLV1811DCKR  | SC70         | DCK             | 5    | 3000 | 180.0       | 180.0      | 18.0        |
| TLV1811LDBVR | SOT-23       | DBV             | 5    | 3000 | 180.0       | 180.0      | 18.0        |
| TLV1811LDCKR | SC70         | DCK             | 6    | 3000 | 180.0       | 180.0      | 18.0        |
| TLV1812DDFR  | SOT-23-THIN  | DDF             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| TLV1812DGKR  | VSSOP        | DGK             | 8    | 2500 | 356.0       | 356.0      | 35.0        |
| TLV1812DR    | SOIC         | D               | 8    | 3000 | 356.0       | 356.0      | 35.0        |
| TLV1812DSGR  | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| TLV1812PWR   | TSSOP        | PW              | 8    | 3000 | 356.0       | 356.0      | 35.0        |
| TLV1814DR    | SOIC         | D               | 14   | 3000 | 356.0       | 356.0      | 35.0        |
| TLV1814DYR   | SOT-23-THIN  | DYY             | 14   | 3000 | 336.6       | 336.6      | 31.8        |
| TLV1814PWR   | TSSOP        | PW              | 14   | 3000 | 367.0       | 367.0      | 35.0        |
| TLV1814RTER  | WQFN         | RTE             | 16   | 5000 | 367.0       | 367.0      | 35.0        |
| TLV1821DBVR  | SOT-23       | DBV             | 5    | 3000 | 180.0       | 180.0      | 18.0        |
| TLV1821DCKR  | SC70         | DCK             | 5    | 3000 | 180.0       | 180.0      | 18.0        |
| TLV1821LDBVR | SOT-23       | DBV             | 5    | 3000 | 180.0       | 180.0      | 18.0        |
| TLV1822DDFR  | SOT-23-THIN  | DDF             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| TLV1822DGKR  | VSSOP        | DGK             | 8    | 2500 | 356.0       | 356.0      | 35.0        |

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| Device      | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|-------------|--------------|-----------------|------|------|-------------|------------|-------------|
| TLV1822DR   | SOIC         | D               | 8    | 3000 | 356.0       | 356.0      | 35.0        |
| TLV1822DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| TLV1822PWR  | TSSOP        | PW              | 8    | 3000 | 356.0       | 356.0      | 35.0        |
| TLV1824DR   | SOIC         | D               | 14   | 3000 | 356.0       | 356.0      | 35.0        |
| TLV1824DYYR | SOT-23-THIN  | DYY             | 14   | 3000 | 336.6       | 336.6      | 31.8        |
| TLV1824PWR  | TSSOP        | PW              | 14   | 3000 | 356.0       | 356.0      | 35.0        |
| TLV1824RTER | WQFN         | RTE             | 16   | 5000 | 367.0       | 367.0      | 35.0        |