

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 |
|---------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| TLV9001IDBVR | SOT-23 | DBV | 5 | 3000 | 180.0 | 8.4 | 3.2 | 3.2 | 1.4 | 4.0 | 8.0 | Q3 |
| TLV9001IDCKR | SC70 | DCK | 5 | 3000 | 180.0 | 8.4 | 2.3 | 2.5 | 1.2 | 4.0 | 8.0 | Q3 |
| TLV9001IDPWR | X2SON | DPW | 5 | 3000 | 178.0 | 8.4 | 0.91 | 0.91 | 0.5 | 2.0 | 8.0 | Q2 |
| TLV9001SIDBVR | SOT-23 | DBV | 6 | 3000 | 180.0 | 8.4 | 3.2 | 3.2 | 1.4 | 4.0 | 8.0 | Q3 |
| TLV9001SIDCKR | SC70 | DCK | 6 | 3000 | 180.0 | 8.4 | 2.3 | 2.5 | 1.2 | 4.0 | 8.0 | Q3 |
| TLV9001TIDCKR | SC70 | DCK | 5 | 3000 | 180.0 | 8.4 | 2.3 | 2.5 | 1.2 | 4.0 | 8.0 | Q3 |
| TLV9001UIDBVR | SOT-23 | DBV | 5 | 3000 | 180.0 | 8.4 | 3.2 | 3.2 | 1.4 | 4.0 | 8.0 | Q3 |
| TLV9001ZIDPWR | X2SON | DPW | 5 | 3000 | 178.0 | 8.4 | 0.91 | 0.91 | 0.5 | 2.0 | 8.0 | Q2 |
| TLV9002IDDFR | SOT-23-THIN | DDF | 8 | 3000 | 180.0 | 8.4 | 3.2 | 3.2 | 1.4 | 4.0 | 8.0 | Q3 |
| TLV9002IDGKR | VSSOP | DGK | 8 | 2500 | 330.0 | 12.4 | 5.3 | 3.4 | 1.4 | 8.0 | 12.0 | Q1 |
| TLV9002IDGKT | VSSOP | DGK | 8 | 250 | 330.0 | 12.4 | 5.3 | 3.4 | 1.4 | 8.0 | 12.0 | Q1 |
| TLV9002IDR | SOIC | D | 8 | 2500 | 330.0 | 12.4 | 6.4 | 5.2 | 2.1 | 8.0 | 12.0 | Q1 |
| TLV9002IDSGR | WSOSON | DSG | 8 | 3000 | 180.0 | 8.4 | 2.3 | 2.3 | 1.15 | 4.0 | 8.0 | Q2 |
| TLV9002IDSGT | WSOSON | DSG | 8 | 250 | 180.0 | 8.4 | 2.3 | 2.3 | 1.15 | 4.0 | 8.0 | Q2 |
| TLV9002IPWR | TSSOP | PW | 8 | 2000 | 330.0 | 12.4 | 7.0 | 3.6 | 1.6 | 8.0 | 12.0 | Q1 |

| 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 |
|---------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| TLV9002SIDGSR | VSSOP | DGS | 10 | 2500 | 330.0 | 12.4 | 5.3 | 3.4 | 1.4 | 8.0 | 12.0 | Q1 |
| TLV9002SIRUGR | X2QFN | RUG | 10 | 3000 | 178.0 | 8.4 | 1.75 | 2.25 | 0.56 | 4.0 | 8.0 | Q1 |
| TLV9002SIYCKR | DSBGA | YCK | 9 | 3000 | 180.0 | 8.4 | 1.1 | 1.1 | 0.4 | 2.0 | 8.0 | Q1 |
| TLV9004IDR | SOIC | D | 14 | 2500 | 330.0 | 16.4 | 6.5 | 9.0 | 2.1 | 8.0 | 16.0 | Q1 |
| TLV9004IDYYR | SOT-23-THIN | DYY | 14 | 3000 | 330.0 | 12.4 | 4.8 | 3.6 | 1.6 | 8.0 | 12.0 | Q3 |
| TLV9004IPWR | TSSOP | PW | 14 | 2000 | 330.0 | 12.4 | 6.9 | 5.6 | 1.6 | 8.0 | 12.0 | Q1 |
| TLV9004IRTER | WQFN | RTE | 16 | 3000 | 330.0 | 12.4 | 3.3 | 3.3 | 1.1 | 8.0 | 12.0 | Q2 |
| TLV9004IRUCR | QFN | RUC | 14 | 3000 | 180.0 | 9.5 | 2.16 | 2.16 | 0.5 | 4.0 | 8.0 | Q2 |
| TLV9004SIRTER | WQFN | RTE | 16 | 3000 | 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) |
|---------------|--------------|-----------------|------|------|-------------|------------|-------------|
| TLV9001IDBVR | SOT-23 | DBV | 5 | 3000 | 210.0 | 185.0 | 35.0 |
| TLV9001IDCKR | SC70 | DCK | 5 | 3000 | 210.0 | 185.0 | 35.0 |
| TLV9001IDPWR | X2SON | DPW | 5 | 3000 | 205.0 | 200.0 | 33.0 |
| TLV9001SIDBVR | SOT-23 | DBV | 6 | 3000 | 210.0 | 185.0 | 35.0 |
| TLV9001SIDCKR | SC70 | DCK | 6 | 3000 | 210.0 | 185.0 | 35.0 |
| TLV9001TIDCKR | SC70 | DCK | 5 | 3000 | 210.0 | 185.0 | 35.0 |
| TLV9001UIDBVR | SOT-23 | DBV | 5 | 3000 | 210.0 | 185.0 | 35.0 |
| TLV9001ZIDPWR | X2SON | DPW | 5 | 3000 | 205.0 | 200.0 | 33.0 |
| TLV9002IDDFR | SOT-23-THIN | DDF | 8 | 3000 | 210.0 | 185.0 | 35.0 |
| TLV9002IDGKR | VSSOP | DGK | 8 | 2500 | 356.0 | 356.0 | 35.0 |
| TLV9002IDGKT | VSSOP | DGK | 8 | 250 | 356.0 | 356.0 | 35.0 |
| TLV9002IDR | SOIC | D | 8 | 2500 | 356.0 | 356.0 | 35.0 |
| TLV9002IDSGR | WSON | DSG | 8 | 3000 | 210.0 | 185.0 | 35.0 |
| TLV9002IDSGT | WSON | DSG | 8 | 250 | 210.0 | 185.0 | 35.0 |
| TLV9002IPWR | TSSOP | PW | 8 | 2000 | 356.0 | 356.0 | 35.0 |
| TLV9002SIDGSR | VSSOP | DGS | 10 | 2500 | 366.0 | 364.0 | 50.0 |
| TLV9002SIRUGR | X2QFN | RUG | 10 | 3000 | 205.0 | 200.0 | 33.0 |
| TLV9002SIYCKR | DSBGA | YCK | 9 | 3000 | 182.0 | 182.0 | 20.0 |

| Device | Package Type | Package Drawing | Pins | SPQ | Length (mm) | Width (mm) | Height (mm) |
|---------------|--------------|-----------------|------|------|-------------|------------|-------------|
| TLV9004IDR | SOIC | D | 14 | 2500 | 356.0 | 356.0 | 35.0 |
| TLV9004IDYYR | SOT-23-THIN | DYY | 14 | 3000 | 336.6 | 336.6 | 31.8 |
| TLV9004IPWR | TSSOP | PW | 14 | 2000 | 356.0 | 356.0 | 35.0 |
| TLV9004IRTER | WQFN | RTE | 16 | 3000 | 367.0 | 367.0 | 35.0 |
| TLV9004IRUCR | QFN | RUC | 14 | 3000 | 205.0 | 200.0 | 30.0 |
| TLV9004SIRTER | WQFN | RTE | 16 | 3000 | 367.0 | 367.0 | 35.0 |