

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 |
|----------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| OPA196IDBVR | SOT-23 | DBV | 5 | 3000 | 180.0 | 8.4 | 3.23 | 3.17 | 1.37 | 4.0 | 8.0 | Q3 |
| OPA196IDBVRG4 | SOT-23 | DBV | 5 | 3000 | 180.0 | 8.4 | 3.23 | 3.17 | 1.37 | 4.0 | 8.0 | Q3 |
| OPA196IDBVT | SOT-23 | DBV | 5 | 250 | 180.0 | 8.4 | 3.23 | 3.17 | 1.37 | 4.0 | 8.0 | Q3 |
| OPA196IDGKR | VSSOP | DGK | 8 | 2500 | 330.0 | 12.4 | 5.3 | 3.4 | 1.4 | 8.0 | 12.0 | Q1 |
| OPA196IDGKT | VSSOP | DGK | 8 | 250 | 177.8 | 12.4 | 5.3 | 3.4 | 1.4 | 8.0 | 12.0 | Q1 |
| OPA196IDR | SOIC | D | 8 | 2500 | 330.0 | 12.4 | 6.4 | 5.2 | 2.1 | 8.0 | 12.0 | Q1 |
| OPA196IDRG4 | SOIC | D | 8 | 2500 | 330.0 | 12.4 | 6.4 | 5.2 | 2.1 | 8.0 | 12.0 | Q1 |
| OPA2196IDGKR | VSSOP | DGK | 8 | 2500 | 330.0 | 12.4 | 5.3 | 3.4 | 1.4 | 8.0 | 12.0 | Q1 |
| OPA2196IDGKRG4 | VSSOP | DGK | 8 | 2500 | 330.0 | 12.4 | 5.3 | 3.4 | 1.4 | 8.0 | 12.0 | Q1 |
| OPA2196IDGKT | VSSOP | DGK | 8 | 250 | 180.0 | 12.4 | 5.3 | 3.4 | 1.4 | 8.0 | 12.0 | Q1 |
| OPA2196IDR | SOIC | D | 8 | 2500 | 330.0 | 12.4 | 6.4 | 5.2 | 2.1 | 8.0 | 12.0 | Q1 |
| OPA4196IDR | SOIC | D | 14 | 2500 | 330.0 | 16.4 | 6.5 | 9.0 | 2.1 | 8.0 | 16.0 | Q1 |
| OPA4196IDRG4 | SOIC | D | 14 | 2500 | 330.0 | 16.4 | 6.5 | 9.0 | 2.1 | 8.0 | 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) |
|----------------|--------------|-----------------|------|------|-------------|------------|-------------|
| OPA196IDBVR | SOT-23 | DBV | 5 | 3000 | 213.0 | 191.0 | 35.0 |
| OPA196IDBVRG4 | SOT-23 | DBV | 5 | 3000 | 213.0 | 191.0 | 35.0 |
| OPA196IDBVT | SOT-23 | DBV | 5 | 250 | 213.0 | 191.0 | 35.0 |
| OPA196IDGKR | VSSOP | DGK | 8 | 2500 | 346.0 | 346.0 | 29.0 |
| OPA196IDGKT | VSSOP | DGK | 8 | 250 | 213.0 | 191.0 | 35.0 |
| OPA196IDR | SOIC | D | 8 | 2500 | 353.0 | 353.0 | 32.0 |
| OPA196IDRG4 | SOIC | D | 8 | 2500 | 353.0 | 353.0 | 32.0 |
| OPA2196IDGKR | VSSOP | DGK | 8 | 2500 | 353.0 | 353.0 | 32.0 |
| OPA2196IDGKRG4 | VSSOP | DGK | 8 | 2500 | 353.0 | 353.0 | 32.0 |
| OPA2196IDGKT | VSSOP | DGK | 8 | 250 | 213.0 | 191.0 | 35.0 |
| OPA2196IDR | SOIC | D | 8 | 2500 | 353.0 | 353.0 | 32.0 |
| OPA4196IDR | SOIC | D | 14 | 2500 | 353.0 | 353.0 | 32.0 |
| OPA4196IDRG4 | SOIC | D | 14 | 2500 | 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) |
|---------------|--------------|--------------|------|-----|--------|--------|--------|--------|
| OPA196ID | D | SOIC | 8 | 75 | 506.6 | 8 | 3940 | 4.32 |
| OPA196ID.B | D | SOIC | 8 | 75 | 506.6 | 8 | 3940 | 4.32 |
| OPA2196ID | D | SOIC | 8 | 75 | 506.6 | 8 | 3940 | 4.32 |
| OPA2196ID.B | D | SOIC | 8 | 75 | 506.6 | 8 | 3940 | 4.32 |
| OPA2196IDG4 | D | SOIC | 8 | 75 | 506.6 | 8 | 3940 | 4.32 |
| OPA2196IDG4.B | D | SOIC | 8 | 75 | 506.6 | 8 | 3940 | 4.32 |
| OPA4196ID | D | SOIC | 14 | 50 | 506.6 | 8 | 3940 | 4.32 |
| OPA4196ID.B | D | SOIC | 14 | 50 | 506.6 | 8 | 3940 | 4.32 |