

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 |
|--------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| BQ298000RUGR | X2QFN | RUG | 8 | 3000 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298000RUGT | X2QFN | RUG | 8 | 250 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298006RUGR | X2QFN | RUG | 8 | 3000 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298006RUGT | X2QFN | RUG | 8 | 250 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298009RUGR | X2QFN | RUG | 8 | 3000 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298009RUGT | X2QFN | RUG | 8 | 250 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298010RUGR | X2QFN | RUG | 8 | 3000 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298010RUGT | X2QFN | RUG | 8 | 250 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298012RUGR | X2QFN | RUG | 8 | 3000 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298012RUGT | X2QFN | RUG | 8 | 250 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298015RUGR | X2QFN | RUG | 8 | 3000 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298015RUGT | X2QFN | RUG | 8 | 250 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298018RUGR | X2QFN | RUG | 8 | 3000 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298019RUGR | X2QFN | RUG | 8 | 3000 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298215RUGR | X2QFN | RUG | 8 | 3000 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |
| BQ298216RUGR | X2QFN | RUG | 8 | 3000 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |

| 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 |
|--------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| BQ298217RUGR | X2QFN | RUG | 8 | 3000 | 180.0 | 9.5 | 1.69 | 1.69 | 0.63 | 4.0 | 8.0 | Q2 |

TAPE AND REEL BOX DIMENSIONS


*All dimensions are nominal

| Device | Package Type | Package Drawing | Pins | SPQ | Length (mm) | Width (mm) | Height (mm) |
|--------------|--------------|-----------------|------|------|-------------|------------|-------------|
| BQ298000RUGR | X2QFN | RUG | 8 | 3000 | 189.0 | 185.0 | 36.0 |
| BQ298000RUGT | X2QFN | RUG | 8 | 250 | 189.0 | 185.0 | 36.0 |
| BQ298006RUGR | X2QFN | RUG | 8 | 3000 | 189.0 | 185.0 | 36.0 |
| BQ298006RUGT | X2QFN | RUG | 8 | 250 | 189.0 | 185.0 | 36.0 |
| BQ298009RUGR | X2QFN | RUG | 8 | 3000 | 189.0 | 185.0 | 36.0 |
| BQ298009RUGT | X2QFN | RUG | 8 | 250 | 189.0 | 185.0 | 36.0 |
| BQ298010RUGR | X2QFN | RUG | 8 | 3000 | 189.0 | 185.0 | 36.0 |
| BQ298010RUGT | X2QFN | RUG | 8 | 250 | 189.0 | 185.0 | 36.0 |
| BQ298012RUGR | X2QFN | RUG | 8 | 3000 | 189.0 | 185.0 | 36.0 |
| BQ298012RUGT | X2QFN | RUG | 8 | 250 | 189.0 | 185.0 | 36.0 |
| BQ298015RUGR | X2QFN | RUG | 8 | 3000 | 189.0 | 185.0 | 36.0 |
| BQ298015RUGT | X2QFN | RUG | 8 | 250 | 189.0 | 185.0 | 36.0 |
| BQ298018RUGR | X2QFN | RUG | 8 | 3000 | 189.0 | 185.0 | 36.0 |
| BQ298019RUGR | X2QFN | RUG | 8 | 3000 | 189.0 | 185.0 | 36.0 |
| BQ298215RUGR | X2QFN | RUG | 8 | 3000 | 189.0 | 185.0 | 36.0 |
| BQ298216RUGR | X2QFN | RUG | 8 | 3000 | 189.0 | 185.0 | 36.0 |
| BQ298217RUGR | X2QFN | RUG | 8 | 3000 | 189.0 | 185.0 | 36.0 |