

## 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 |
|--------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| BQ296100DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296100DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296103DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296103DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296103DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296103DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296106DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296106DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296106DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296106DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296107DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296107DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296107DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296107DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296111DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296111DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 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 |
|--------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| BQ296112DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296112DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296113DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296113DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296114DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296114DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296115DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296202DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296202DSGT | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296202DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296203DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296203DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296203DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296212DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296212DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296213DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296213DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296215DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296215DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296216DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296216DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296216DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296216DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296217DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296217DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296217DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296217DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q2            |
| BQ296221DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296221DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296222DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296222DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296223DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296223DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296224DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296224DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296226DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296226DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296227DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296228DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296228DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 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 |
|--------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| BQ296229DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296229DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296230DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296230DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296231DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296231DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296232DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296232DSGT | WSON         | DSG             | 8    | 250  | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296233DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |
| BQ296234DSGR | WSON         | DSG             | 8    | 3000 | 180.0              | 8.4                | 2.3     | 2.3     | 1.15    | 4.0     | 8.0    | Q3            |

## TAPE AND REEL BOX DIMENSIONS



\*All dimensions are nominal

| Device       | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|--------------|--------------|-----------------|------|------|-------------|------------|-------------|
| BQ296100DSGR | WSON         | DSG             | 8    | 3000 | 182.0       | 182.0      | 20.0        |
| BQ296100DSGT | WSON         | DSG             | 8    | 250  | 182.0       | 182.0      | 20.0        |
| BQ296103DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296103DSGR | WSON         | DSG             | 8    | 3000 | 182.0       | 182.0      | 20.0        |
| BQ296103DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296103DSGT | WSON         | DSG             | 8    | 250  | 182.0       | 182.0      | 20.0        |
| BQ296106DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296106DSGR | WSON         | DSG             | 8    | 3000 | 182.0       | 182.0      | 20.0        |
| BQ296106DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296106DSGT | WSON         | DSG             | 8    | 250  | 182.0       | 182.0      | 20.0        |
| BQ296107DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296107DSGR | WSON         | DSG             | 8    | 3000 | 182.0       | 182.0      | 20.0        |
| BQ296107DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296107DSGT | WSON         | DSG             | 8    | 250  | 182.0       | 182.0      | 20.0        |
| BQ296111DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296111DSGT | WSON         | DSG             | 8    | 250  | 182.0       | 182.0      | 20.0        |
| BQ296112DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296112DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |

| Device       | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|--------------|--------------|-----------------|------|------|-------------|------------|-------------|
| BQ296113DSGR | WSON         | DSG             | 8    | 3000 | 182.0       | 182.0      | 20.0        |
| BQ296113DSGT | WSON         | DSG             | 8    | 250  | 182.0       | 182.0      | 20.0        |
| BQ296114DSGR | WSON         | DSG             | 8    | 3000 | 182.0       | 182.0      | 20.0        |
| BQ296114DSGT | WSON         | DSG             | 8    | 250  | 182.0       | 182.0      | 20.0        |
| BQ296115DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296202DSGR | WSON         | DSG             | 8    | 3000 | 182.0       | 182.0      | 20.0        |
| BQ296202DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296202DSGT | WSON         | DSG             | 8    | 250  | 182.0       | 182.0      | 20.0        |
| BQ296202DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296203DSGR | WSON         | DSG             | 8    | 3000 | 182.0       | 182.0      | 20.0        |
| BQ296203DSGT | WSON         | DSG             | 8    | 250  | 182.0       | 182.0      | 20.0        |
| BQ296203DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296212DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296212DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296213DSGR | WSON         | DSG             | 8    | 3000 | 182.0       | 182.0      | 20.0        |
| BQ296213DSGT | WSON         | DSG             | 8    | 250  | 182.0       | 182.0      | 20.0        |
| BQ296215DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296215DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296216DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296216DSGR | WSON         | DSG             | 8    | 3000 | 182.0       | 182.0      | 20.0        |
| BQ296216DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296216DSGT | WSON         | DSG             | 8    | 250  | 182.0       | 182.0      | 20.0        |
| BQ296217DSGR | WSON         | DSG             | 8    | 3000 | 182.0       | 182.0      | 20.0        |
| BQ296217DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296217DSGT | WSON         | DSG             | 8    | 250  | 182.0       | 182.0      | 20.0        |
| BQ296217DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296221DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296221DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296222DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296222DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296223DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296223DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296224DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296224DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296226DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296226DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296227DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296228DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296228DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296229DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296229DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| BQ296230DSGR | WSON         | DSG             | 8    | 3000 | 210.0       | 185.0      | 35.0        |
| BQ296230DSGT | WSON         | DSG             | 8    | 250  | 210.0       | 185.0      | 35.0        |

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| <b>Device</b> | <b>Package Type</b> | <b>Package Drawing</b> | <b>Pins</b> | <b>SPQ</b> | <b>Length (mm)</b> | <b>Width (mm)</b> | <b>Height (mm)</b> |
|---------------|---------------------|------------------------|-------------|------------|--------------------|-------------------|--------------------|
| BQ296231DSGR  | WSON                | DSG                    | 8           | 3000       | 210.0              | 185.0             | 35.0               |
| BQ296231DSGT  | WSON                | DSG                    | 8           | 250        | 210.0              | 185.0             | 35.0               |
| BQ296232DSGR  | WSON                | DSG                    | 8           | 3000       | 210.0              | 185.0             | 35.0               |
| BQ296232DSGT  | WSON                | DSG                    | 8           | 250        | 210.0              | 185.0             | 35.0               |
| BQ296233DSGR  | WSON                | DSG                    | 8           | 3000       | 210.0              | 185.0             | 35.0               |
| BQ296234DSGR  | WSON                | DSG                    | 8           | 3000       | 210.0              | 185.0             | 35.0               |