

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 |
|-------------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| MSP430FR2433IRGER | VQFN | RGE | 24 | 3000 | 330.0 | 12.4 | 4.25 | 4.25 | 1.15 | 8.0 | 12.0 | Q2 |
| MSP430FR2433IRGET | VQFN | RGE | 24 | 250 | 180.0 | 12.4 | 4.25 | 4.25 | 1.15 | 8.0 | 12.0 | Q2 |
| MSP430FR2433IYQWR | DSBGA | YQW | 24 | 3000 | 180.0 | 8.4 | 2.38 | 2.4 | 0.8 | 4.0 | 8.0 | Q1 |
| MSP430FR2433IYQWT | DSBGA | YQW | 24 | 250 | 180.0 | 8.4 | 2.38 | 2.4 | 0.8 | 4.0 | 8.0 | Q1 |

TAPE AND REEL BOX DIMENSIONS


*All dimensions are nominal

| Device | Package Type | Package Drawing | Pins | SPQ | Length (mm) | Width (mm) | Height (mm) |
|-------------------|--------------|-----------------|------|------|-------------|------------|-------------|
| MSP430FR2433IRGER | VQFN | RGE | 24 | 3000 | 346.0 | 346.0 | 33.0 |
| MSP430FR2433IRGET | VQFN | RGE | 24 | 250 | 182.0 | 182.0 | 20.0 |
| MSP430FR2433IYQWR | DSBGA | YQW | 24 | 3000 | 182.0 | 182.0 | 20.0 |
| MSP430FR2433IYQWT | DSBGA | YQW | 24 | 250 | 182.0 | 182.0 | 20.0 |