

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 |
|------------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| MSP430F6720AIPNR | LQFP | PN | 80 | 1000 | 330.0 | 24.4 | 15.0 | 15.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6720AIPZR | LQFP | PZ | 100 | 1000 | 330.0 | 24.4 | 17.0 | 17.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6721AIPNR | LQFP | PN | 80 | 1000 | 330.0 | 24.4 | 15.0 | 15.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6721AIPZR | LQFP | PZ | 100 | 1000 | 330.0 | 24.4 | 17.0 | 17.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6723AIPNR | LQFP | PN | 80 | 1000 | 330.0 | 24.4 | 15.0 | 15.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6723AIPZR | LQFP | PZ | 100 | 1000 | 330.0 | 24.4 | 17.0 | 17.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6724AIPNR | LQFP | PN | 80 | 1000 | 330.0 | 24.4 | 15.0 | 15.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6724AIPZR | LQFP | PZ | 100 | 1000 | 330.0 | 24.4 | 17.0 | 17.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6725AIPNR | LQFP | PN | 80 | 1000 | 330.0 | 24.4 | 15.0 | 15.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6725AIPZR | LQFP | PZ | 100 | 1000 | 330.0 | 24.4 | 17.0 | 17.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6726AIPNR | LQFP | PN | 80 | 1000 | 330.0 | 24.4 | 15.0 | 15.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6726AIPZR | LQFP | PZ | 100 | 1000 | 330.0 | 24.4 | 17.0 | 17.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6730AIPNR | LQFP | PN | 80 | 1000 | 330.0 | 24.4 | 15.0 | 15.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6730AIPZR | LQFP | PZ | 100 | 1000 | 330.0 | 24.4 | 17.0 | 17.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6731AIPNR | LQFP | PN | 80 | 1000 | 330.0 | 24.4 | 15.0 | 15.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6731AIPZR | LQFP | PZ | 100 | 1000 | 330.0 | 24.4 | 17.0 | 17.0 | 2.1 | 20.0 | 24.0 | Q2 |

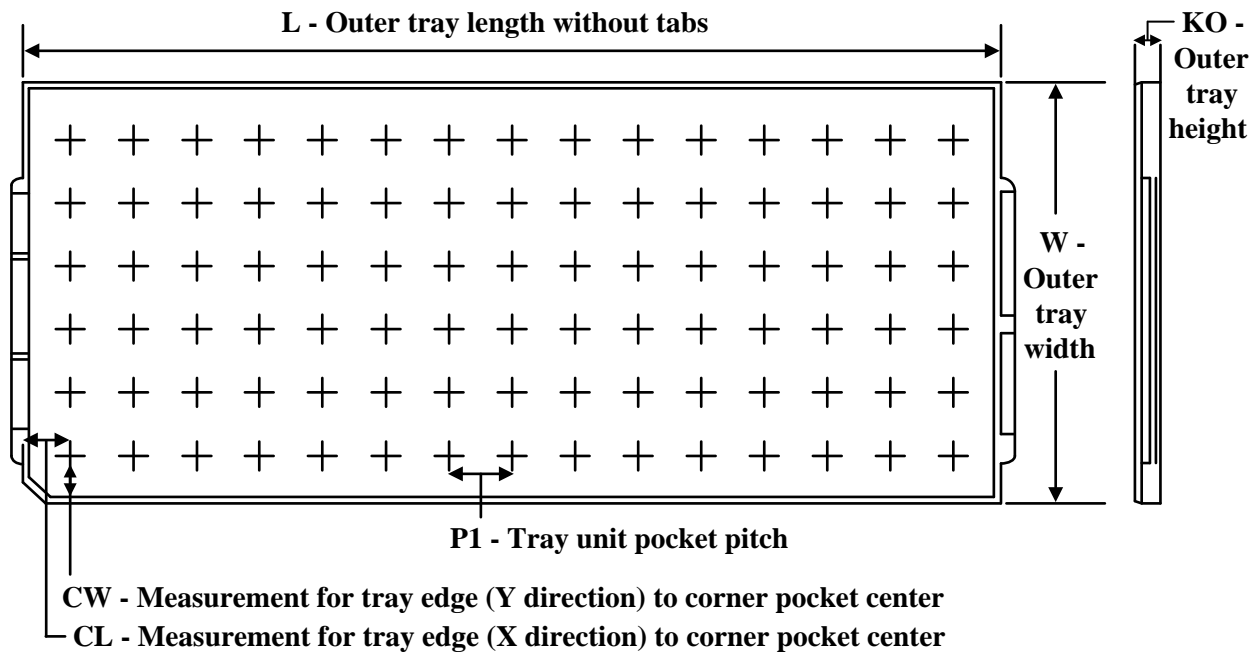
| Device | Package Type | Package Drawing | Pins | SPQ | Reel Diameter (mm) | Reel Width W1 (mm) | A0 (mm) | B0 (mm) | K0 (mm) | P1 (mm) | W (mm) | Pin1 Quadrant |
|------------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| MSP430F6733AIPNR | LQFP | PN | 80 | 1000 | 330.0 | 24.4 | 15.0 | 15.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6733AIPZR | LQFP | PZ | 100 | 1000 | 330.0 | 24.4 | 17.0 | 17.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6734AIPNR | LQFP | PN | 80 | 1000 | 330.0 | 24.4 | 15.0 | 15.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6734AIPZR | LQFP | PZ | 100 | 1000 | 330.0 | 24.4 | 17.0 | 17.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6735AIPNR | LQFP | PN | 80 | 1000 | 330.0 | 24.4 | 15.0 | 15.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6735AIPZR | LQFP | PZ | 100 | 1000 | 330.0 | 24.4 | 17.0 | 17.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6736AIPNR | LQFP | PN | 80 | 1000 | 330.0 | 24.4 | 15.0 | 15.0 | 2.1 | 20.0 | 24.0 | Q2 |
| MSP430F6736AIPZR | LQFP | PZ | 100 | 1000 | 330.0 | 24.4 | 17.0 | 17.0 | 2.1 | 20.0 | 24.0 | Q2 |

TAPE AND REEL BOX DIMENSIONS


*All dimensions are nominal

| Device | Package Type | Package Drawing | Pins | SPQ | Length (mm) | Width (mm) | Height (mm) |
|------------------|--------------|-----------------|------|------|-------------|------------|-------------|
| MSP430F6720AIPNR | LQFP | PN | 80 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6720AIPZR | LQFP | PZ | 100 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6721AIPNR | LQFP | PN | 80 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6721AIPZR | LQFP | PZ | 100 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6723AIPNR | LQFP | PN | 80 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6723AIPZR | LQFP | PZ | 100 | 1000 | 367.0 | 367.0 | 45.0 |
| MSP430F6724AIPNR | LQFP | PN | 80 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6724AIPZR | LQFP | PZ | 100 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6725AIPNR | LQFP | PN | 80 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6725AIPZR | LQFP | PZ | 100 | 1000 | 367.0 | 367.0 | 45.0 |
| MSP430F6726AIPNR | LQFP | PN | 80 | 1000 | 367.0 | 367.0 | 45.0 |
| MSP430F6726AIPZR | LQFP | PZ | 100 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6730AIPNR | LQFP | PN | 80 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6730AIPZR | LQFP | PZ | 100 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6731AIPNR | LQFP | PN | 80 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6731AIPZR | LQFP | PZ | 100 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6733AIPNR | LQFP | PN | 80 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6733AIPZR | LQFP | PZ | 100 | 1000 | 350.0 | 350.0 | 43.0 |

| Device | Package Type | Package Drawing | Pins | SPQ | Length (mm) | Width (mm) | Height (mm) |
|------------------|--------------|-----------------|------|------|-------------|------------|-------------|
| MSP430F6734AIPNR | LQFP | PN | 80 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6734AIPZR | LQFP | PZ | 100 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6735AIPNR | LQFP | PN | 80 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6735AIPZR | LQFP | PZ | 100 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6736AIPNR | LQFP | PN | 80 | 1000 | 350.0 | 350.0 | 43.0 |
| MSP430F6736AIPZR | LQFP | PZ | 100 | 1000 | 350.0 | 350.0 | 43.0 |

TRAY


Chamfer on Tray corner indicates Pin 1 orientation of packed units.

*All dimensions are nominal

| Device | Package Name | Package Type | Pins | SPQ | Unit array matrix | Max temperature (°C) | L (mm) | W (mm) | K0 (µm) | P1 (mm) | CL (mm) | CW (mm) |
|-----------------|--------------|--------------|------|-----|-------------------|----------------------|--------|--------|---------|---------|---------|---------|
| MSP430F6720AIPN | PN | LQFP | 80 | 119 | 7 x 17 | 150 | 315 | 135.9 | 7620 | 17.9 | 14.3 | 13.95 |
| MSP430F6720AIPZ | PZ | LQFP | 100 | 90 | 6 x 15 | 150 | 315 | 135.9 | 7620 | 20.3 | 15.4 | 15.45 |
| MSP430F6721AIPN | PN | LQFP | 80 | 119 | 7 x 17 | 150 | 315 | 135.9 | 7620 | 17.9 | 14.3 | 13.95 |
| MSP430F6721AIPZ | PZ | LQFP | 100 | 90 | 6 x 15 | 150 | 315 | 135.9 | 7620 | 20.3 | 15.4 | 15.45 |
| MSP430F6723AIPN | PN | LQFP | 80 | 119 | 7 x 17 | 150 | 315 | 135.9 | 7620 | 17.9 | 14.3 | 13.95 |
| MSP430F6723AIPZ | PZ | LQFP | 100 | 90 | 6 x 15 | 150 | 315 | 135.9 | 7620 | 20.3 | 15.4 | 15.45 |
| MSP430F6724AIPN | PN | LQFP | 80 | 119 | 7 x 17 | 150 | 315 | 135.9 | 7620 | 17.9 | 14.3 | 13.95 |
| MSP430F6724AIPZ | PZ | LQFP | 100 | 90 | 6 x 15 | 150 | 315 | 135.9 | 7620 | 20.3 | 15.4 | 15.45 |
| MSP430F6725AIPN | PN | LQFP | 80 | 119 | 7 x 17 | 150 | 315 | 135.9 | 7620 | 17.9 | 14.3 | 13.95 |
| MSP430F6725AIPZ | PZ | LQFP | 100 | 90 | 6 x 15 | 150 | 315 | 135.9 | 7620 | 20.3 | 15.4 | 15.45 |
| MSP430F6726AIPN | PN | LQFP | 80 | 119 | 7 x 17 | 150 | 315 | 135.9 | 7620 | 17.9 | 14.3 | 13.95 |
| MSP430F6726AIPZ | PZ | LQFP | 100 | 90 | 6 x 15 | 150 | 315 | 135.9 | 7620 | 20.3 | 15.4 | 15.45 |
| MSP430F6730AIPN | PN | LQFP | 80 | 119 | 7 x 17 | 150 | 315 | 135.9 | 7620 | 17.9 | 14.3 | 13.95 |
| MSP430F6730AIPZ | PZ | LQFP | 100 | 90 | 6 x 15 | 150 | 315 | 135.9 | 7620 | 20.3 | 15.4 | 15.45 |
| MSP430F6731AIPN | PN | LQFP | 80 | 119 | 7 x 17 | 150 | 315 | 135.9 | 7620 | 17.9 | 14.3 | 13.95 |
| MSP430F6731AIPZ | PZ | LQFP | 100 | 90 | 6 x 15 | 150 | 315 | 135.9 | 7620 | 20.3 | 15.4 | 15.45 |
| MSP430F6733AIPN | PN | LQFP | 80 | 119 | 7 x 17 | 150 | 315 | 135.9 | 7620 | 17.9 | 14.3 | 13.95 |

| Device | Package Name | Package Type | Pins | SPQ | Unit array matrix | Max temperature (°C) | L (mm) | W (mm) | K0 (µm) | P1 (mm) | CL (mm) | CW (mm) |
|-----------------|--------------|--------------|------|-----|-------------------|----------------------|--------|--------|---------|---------|---------|---------|
| MSP430F6733AIPZ | PZ | LQFP | 100 | 90 | 6 x 15 | 150 | 315 | 135.9 | 7620 | 20.3 | 15.4 | 15.45 |
| MSP430F6734AIPN | PN | LQFP | 80 | 119 | 7 x 17 | 150 | 315 | 135.9 | 7620 | 17.9 | 14.3 | 13.95 |
| MSP430F6734AIPZ | PZ | LQFP | 100 | 90 | 6 x 15 | 150 | 315 | 135.9 | 7620 | 20.3 | 15.4 | 15.45 |
| MSP430F6735AIPN | PN | LQFP | 80 | 119 | 7 x 17 | 150 | 315 | 135.9 | 7620 | 17.9 | 14.3 | 13.95 |
| MSP430F6735AIPZ | PZ | LQFP | 100 | 90 | 6 x 15 | 150 | 315 | 135.9 | 7620 | 20.3 | 15.4 | 15.45 |
| MSP430F6736AIPN | PN | LQFP | 80 | 119 | 7 x 17 | 150 | 315 | 135.9 | 7620 | 17.9 | 14.3 | 13.95 |
| MSP430F6736AIPZ | PZ | LQFP | 100 | 90 | 6 x 15 | 150 | 315 | 135.9 | 7620 | 20.3 | 15.4 | 15.45 |