

For data sheet and general inquiries on the UCD30xx part family, please contact ucd30xxdigitalpowersupport@list.ti.com

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 |
|-------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| UCD3020RGZR | VQFN | RGZ | 48 | 2500 | 330.0 | 16.4 | 7.3 | 7.3 | 1.5 | 12.0 | 16.0 | Q2 |
| UCD3020RGZT | VQFN | RGZ | 48 | 250 | 180.0 | 16.4 | 7.3 | 7.3 | 1.5 | 12.0 | 16.0 | Q2 |
| UCD3028RHAR | VQFN | RHA | 40 | 2500 | 330.0 | 16.4 | 6.3 | 6.3 | 1.5 | 12.0 | 16.0 | Q2 |
| UCD3028RHAT | VQFN | RHA | 40 | 250 | 180.0 | 16.4 | 6.3 | 6.3 | 1.5 | 12.0 | 16.0 | Q2 |
| UCD3040PFCR | TQFP | PFC | 80 | 1000 | 330.0 | 24.4 | 15.0 | 15.0 | 1.5 | 20.0 | 24.0 | Q2 |
| UCD3040RGCR | VQFN | RGC | 64 | 2000 | 330.0 | 16.4 | 9.3 | 9.3 | 1.5 | 12.0 | 16.0 | Q2 |
| UCD3040RGCT | VQFN | RGC | 64 | 250 | 180.0 | 16.4 | 9.3 | 9.3 | 1.5 | 12.0 | 16.0 | Q2 |

TAPE AND REEL BOX DIMENSIONS


*All dimensions are nominal

| Device | Package Type | Package Drawing | Pins | SPQ | Length (mm) | Width (mm) | Height (mm) |
|-------------|--------------|-----------------|------|------|-------------|------------|-------------|
| UCD3020RGZR | VQFN | RGZ | 48 | 2500 | 346.0 | 346.0 | 33.0 |
| UCD3020RGZT | VQFN | RGZ | 48 | 250 | 190.5 | 212.7 | 31.8 |
| UCD3028RHAR | VQFN | RHA | 40 | 2500 | 346.0 | 346.0 | 33.0 |
| UCD3028RHAT | VQFN | RHA | 40 | 250 | 190.5 | 212.7 | 31.8 |
| UCD3040PFCR | TQFP | PFC | 80 | 1000 | 346.0 | 346.0 | 41.0 |
| UCD3040RGCR | VQFN | RGC | 64 | 2000 | 346.0 | 346.0 | 33.0 |
| UCD3040RGCT | VQFN | RGC | 64 | 250 | 190.5 | 212.7 | 31.8 |

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