

**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 |
|--------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| UCC28C40DGKR | VSSOP        | DGK             | 8    | 2500 | 330.0              | 12.4               | 5.3     | 3.4     | 1.4     | 8.0     | 12.0   | Q1            |
| UCC28C40DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC28C40DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC28C41DGKR | VSSOP        | DGK             | 8    | 2500 | 330.0              | 12.4               | 5.3     | 3.4     | 1.4     | 8.0     | 12.0   | Q1            |
| UCC28C41DGKR | VSSOP        | DGK             | 8    | 2500 | 330.0              | 12.4               | 5.3     | 3.4     | 1.4     | 8.0     | 12.0   | Q1            |
| UCC28C41DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC28C41DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC28C42DGKR | VSSOP        | DGK             | 8    | 2500 | 330.0              | 12.4               | 5.3     | 3.4     | 1.4     | 8.0     | 12.0   | Q1            |
| UCC28C42DGKR | VSSOP        | DGK             | 8    | 2500 | 330.0              | 12.4               | 5.3     | 3.4     | 1.4     | 8.0     | 12.0   | Q1            |
| UCC28C42DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC28C42DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC28C43DGKR | VSSOP        | DGK             | 8    | 2500 | 330.0              | 12.4               | 5.3     | 3.4     | 1.4     | 8.0     | 12.0   | Q1            |
| UCC28C43DGKR | VSSOP        | DGK             | 8    | 2500 | 330.0              | 12.4               | 5.3     | 3.4     | 1.4     | 8.0     | 12.0   | Q1            |
| UCC28C43DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC28C43DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC28C44DGKR | VSSOP        | DGK             | 8    | 2500 | 330.0              | 12.4               | 5.3     | 3.4     | 1.4     | 8.0     | 12.0   | Q1            |

| 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 |
|--------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| UCC28C44DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC28C44DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC28C45DGKR | VSSOP        | DGK             | 8    | 2500 | 330.0              | 12.4               | 5.3     | 3.4     | 1.4     | 8.0     | 12.0   | Q1            |
| UCC28C45DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC28C45DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC38C40DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC38C40DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC38C41DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC38C41DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC38C42DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC38C42DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC38C43DGKR | VSSOP        | DGK             | 8    | 2500 | 330.0              | 12.4               | 5.3     | 3.4     | 1.4     | 8.0     | 12.0   | Q1            |
| UCC38C43DGKR | VSSOP        | DGK             | 8    | 2500 | 330.0              | 12.4               | 5.3     | 3.4     | 1.4     | 8.0     | 12.0   | Q1            |
| UCC38C43DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC38C43DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC38C44DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC38C44DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC38C45DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |
| UCC38C45DR   | SOIC         | D               | 8    | 2500 | 330.0              | 12.4               | 6.4     | 5.2     | 2.1     | 8.0     | 12.0   | Q1            |

## TAPE AND REEL BOX DIMENSIONS



\*All dimensions are nominal

| Device       | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|--------------|--------------|-----------------|------|------|-------------|------------|-------------|
| UCC28C40DGKR | VSSOP        | DGK             | 8    | 2500 | 366.0       | 364.0      | 50.0        |
| UCC28C40DR   | SOIC         | D               | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| UCC28C40DR   | SOIC         | D               | 8    | 2500 | 340.5       | 338.1      | 20.6        |
| UCC28C41DGKR | VSSOP        | DGK             | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| UCC28C41DGKR | VSSOP        | DGK             | 8    | 2500 | 356.0       | 356.0      | 35.0        |
| UCC28C41DR   | SOIC         | D               | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| UCC28C41DR   | SOIC         | D               | 8    | 2500 | 340.5       | 338.1      | 20.6        |
| UCC28C42DGKR | VSSOP        | DGK             | 8    | 2500 | 356.0       | 356.0      | 35.0        |
| UCC28C42DGKR | VSSOP        | DGK             | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| UCC28C42DR   | SOIC         | D               | 8    | 2500 | 340.5       | 338.1      | 20.6        |
| UCC28C42DR   | SOIC         | D               | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| UCC28C43DGKR | VSSOP        | DGK             | 8    | 2500 | 356.0       | 356.0      | 35.0        |
| UCC28C43DGKR | VSSOP        | DGK             | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| UCC28C43DR   | SOIC         | D               | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| UCC28C43DR   | SOIC         | D               | 8    | 2500 | 340.5       | 338.1      | 20.6        |
| UCC28C44DGKR | VSSOP        | DGK             | 8    | 2500 | 366.0       | 364.0      | 50.0        |
| UCC28C44DR   | SOIC         | D               | 8    | 2500 | 340.5       | 338.1      | 20.6        |
| UCC28C44DR   | SOIC         | D               | 8    | 2500 | 367.0       | 367.0      | 35.0        |

| Device       | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|--------------|--------------|-----------------|------|------|-------------|------------|-------------|
| UCC28C45DGKR | VSSOP        | DGK             | 8    | 2500 | 366.0       | 364.0      | 50.0        |
| UCC28C45DR   | SOIC         | D               | 8    | 2500 | 340.5       | 338.1      | 20.6        |
| UCC28C45DR   | SOIC         | D               | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| UCC38C40DR   | SOIC         | D               | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| UCC38C40DR   | SOIC         | D               | 8    | 2500 | 340.5       | 338.1      | 20.6        |
| UCC38C41DR   | SOIC         | D               | 8    | 2500 | 340.5       | 338.1      | 20.6        |
| UCC38C41DR   | SOIC         | D               | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| UCC38C42DR   | SOIC         | D               | 8    | 2500 | 340.5       | 338.1      | 20.6        |
| UCC38C42DR   | SOIC         | D               | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| UCC38C43DGKR | VSSOP        | DGK             | 8    | 2500 | 356.0       | 356.0      | 35.0        |
| UCC38C43DGKR | VSSOP        | DGK             | 8    | 2500 | 356.0       | 356.0      | 35.0        |
| UCC38C43DR   | SOIC         | D               | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| UCC38C43DR   | SOIC         | D               | 8    | 2500 | 340.5       | 338.1      | 20.6        |
| UCC38C44DR   | SOIC         | D               | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| UCC38C44DR   | SOIC         | D               | 8    | 2500 | 340.5       | 338.1      | 20.6        |
| UCC38C45DR   | SOIC         | D               | 8    | 2500 | 367.0       | 367.0      | 35.0        |
| UCC38C45DR   | SOIC         | D               | 8    | 2500 | 340.5       | 338.1      | 20.6        |

**TUBE**


\*All dimensions are nominal

| Device      | Package Name | Package Type | Pins | SPQ | L (mm) | W (mm) | T (μm) | B (mm) |
|-------------|--------------|--------------|------|-----|--------|--------|--------|--------|
| UCC38C40DGK | DGK          | VSSOP        | 8    | 80  | 330.2  | 6.6    | 3005   | 1.88   |
| UCC38C41DGK | DGK          | VSSOP        | 8    | 100 | 330.2  | 6.6    | 3005   | 1.88   |
| UCC38C42DGK | DGK          | VSSOP        | 8    | 100 | 330.2  | 6.6    | 3005   | 1.88   |
| UCC38C44DGK | DGK          | VSSOP        | 8    | 80  | 330.2  | 6.6    | 3005   | 1.88   |
| UCC38C45DGK | DGK          | VSSOP        | 8    | 80  | 330.2  | 6.6    | 3005   | 1.88   |
| UCC38C45DGK | DGK          | VSSOP        | 8    | 80  | 274    | 6.55   | 500    | 2.88   |