

**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 |
|----------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| TPS78601DCQR   | SOT-223      | DCQ             | 6    | 2500 | 330.0              | 12.4               | 6.85    | 7.3     | 1.88    | 8.0     | 12.0   | Q3            |
| TPS78601DCQRG4 | SOT-223      | DCQ             | 6    | 2500 | 330.0              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS78601DRBR   | SON          | DRB             | 8    | 3000 | 330.0              | 12.4               | 3.3     | 3.3     | 1.1     | 8.0     | 12.0   | Q2            |
| TPS78601DRBT   | SON          | DRB             | 8    | 250  | 180.0              | 12.4               | 3.3     | 3.3     | 1.1     | 8.0     | 12.0   | Q2            |
| TPS78618DCQR   | SOT-223      | DCQ             | 6    | 2500 | 330.0              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS78625DCQR   | SOT-223      | DCQ             | 6    | 2500 | 330.0              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS78628DCQR   | SOT-223      | DCQ             | 6    | 2500 | 330.0              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS78630DCQR   | SOT-223      | DCQ             | 6    | 2500 | 330.0              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS78633DCQR   | SOT-223      | DCQ             | 6    | 2500 | 330.0              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

| Device         | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|----------------|--------------|-----------------|------|------|-------------|------------|-------------|
| TPS78601DCQR   | SOT-223      | DCQ             | 6    | 2500 | 356.0       | 356.0      | 35.0        |
| TPS78601DCQRG4 | SOT-223      | DCQ             | 6    | 2500 | 346.0       | 346.0      | 29.0        |
| TPS78601DRBR   | SON          | DRB             | 8    | 3000 | 356.0       | 356.0      | 35.0        |
| TPS78601DRBT   | SON          | DRB             | 8    | 250  | 210.0       | 185.0      | 35.0        |
| TPS78618DCQR   | SOT-223      | DCQ             | 6    | 2500 | 346.0       | 346.0      | 29.0        |
| TPS78625DCQR   | SOT-223      | DCQ             | 6    | 2500 | 346.0       | 346.0      | 29.0        |
| TPS78628DCQR   | SOT-223      | DCQ             | 6    | 2500 | 346.0       | 346.0      | 41.0        |
| TPS78630DCQR   | SOT-223      | DCQ             | 6    | 2500 | 346.0       | 346.0      | 41.0        |
| TPS78633DCQR   | SOT-223      | DCQ             | 6    | 2500 | 346.0       | 346.0      | 29.0        |

**TUBE**


\*All dimensions are nominal

| Device        | Package Name | Package Type | Pins | SPQ | L (mm) | W (mm) | T (μm) | B (mm) |
|---------------|--------------|--------------|------|-----|--------|--------|--------|--------|
| TPS78601DCQ   | DCQ          | SOT-223      | 6    | 78  | 543    | 8.6    | 3606.8 | 2.67   |
| TPS78618DCQ   | DCQ          | SOT-223      | 6    | 78  | 532.13 | 8.63   | 3.6    | 3.68   |
| TPS78625DCQ   | DCQ          | SOT-223      | 6    | 78  | 532.13 | 8.63   | 3.6    | 3.68   |
| TPS78625DCQG4 | DCQ          | SOT-223      | 6    | 78  | 532.13 | 8.63   | 3.6    | 3.68   |
| TPS78630DCQ   | DCQ          | SOT-223      | 6    | 78  | 532.13 | 8.63   | 3.6    | 3.68   |
| TPS78633DCQ   | DCQ          | SOT-223      | 6    | 78  | 532.13 | 8.63   | 3.6    | 3.68   |
| TPS78633DCQG4 | DCQ          | SOT-223      | 6    | 78  | 532.13 | 8.63   | 3.6    | 3.68   |