

**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 |
|-----------------|------------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| TPS7A4501DCQR   | SOT-223          | DCQ             | 6    | 2500 | 330.0              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS7A4501DCQRG4 | SOT-223          | DCQ             | 6    | 2500 | 330.0              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS7A4501DCQQT  | SOT-223          | DCQ             | 6    | 250  | 177.8              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS7A4501DCQTG4 | SOT-223          | DCQ             | 6    | 250  | 177.8              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS7A4501KTTR   | DDPAK/<br>TO-263 | KTT             | 5    | 500  | 330.0              | 24.4               | 10.8    | 16.3    | 5.11    | 16.0    | 24.0   | Q2            |
| TPS7A4515DCQR   | SOT-223          | DCQ             | 6    | 2500 | 330.0              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS7A4515DCQQT  | SOT-223          | DCQ             | 6    | 250  | 177.8              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS7A4515KTTR   | DDPAK/<br>TO-263 | KTT             | 5    | 500  | 330.0              | 24.4               | 10.8    | 16.3    | 5.11    | 16.0    | 24.0   | Q2            |
| TPS7A4518DCQR   | SOT-223          | DCQ             | 6    | 2500 | 330.0              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS7A4518DCQQT  | SOT-223          | DCQ             | 6    | 250  | 177.8              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS7A4518KTTR   | DDPAK/<br>TO-263 | KTT             | 5    | 500  | 330.0              | 24.4               | 10.8    | 16.3    | 5.11    | 16.0    | 24.0   | Q2            |
| TPS7A4525DCQR   | SOT-223          | DCQ             | 6    | 2500 | 330.0              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS7A4525DCQQT  | SOT-223          | DCQ             | 6    | 250  | 177.8              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |

| 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 |
|-----------------|------------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| TPS7A4525KTTR   | DDPAK/<br>TO-263 | KTT             | 5    | 500  | 330.0              | 24.4               | 10.8    | 16.3    | 5.11    | 16.0    | 24.0   | Q2            |
| TPS7A4533DCQR   | SOT-223          | DCQ             | 6    | 2500 | 330.0              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS7A4533DCQT   | SOT-223          | DCQ             | 6    | 250  | 177.8              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS7A4533DCQTG4 | SOT-223          | DCQ             | 6    | 250  | 177.8              | 12.4               | 7.1     | 7.45    | 1.88    | 8.0     | 12.0   | Q3            |
| TPS7A4533KTTR   | DDPAK/<br>TO-263 | KTT             | 5    | 500  | 330.0              | 24.4               | 10.8    | 16.3    | 5.11    | 16.0    | 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) |
|-----------------|--------------|-----------------|------|------|-------------|------------|-------------|
| TPS7A4501DCQR   | SOT-223      | DCQ             | 6    | 2500 | 346.0       | 346.0      | 29.0        |
| TPS7A4501DCQRG4 | SOT-223      | DCQ             | 6    | 2500 | 346.0       | 346.0      | 29.0        |
| TPS7A4501DCQT   | SOT-223      | DCQ             | 6    | 250  | 223.0       | 270.0      | 35.0        |
| TPS7A4501DCQTG4 | SOT-223      | DCQ             | 6    | 250  | 223.0       | 270.0      | 35.0        |
| TPS7A4501KTTR   | DDPAK/TO-263 | KTT             | 5    | 500  | 340.0       | 340.0      | 38.0        |
| TPS7A4515DCQR   | SOT-223      | DCQ             | 6    | 2500 | 346.0       | 346.0      | 29.0        |
| TPS7A4515DCQT   | SOT-223      | DCQ             | 6    | 250  | 180.0       | 180.0      | 85.0        |
| TPS7A4515KTTR   | DDPAK/TO-263 | KTT             | 5    | 500  | 340.0       | 340.0      | 38.0        |
| TPS7A4518DCQR   | SOT-223      | DCQ             | 6    | 2500 | 346.0       | 346.0      | 41.0        |
| TPS7A4518DCQT   | SOT-223      | DCQ             | 6    | 250  | 223.0       | 270.0      | 35.0        |
| TPS7A4518KTTR   | DDPAK/TO-263 | KTT             | 5    | 500  | 340.0       | 340.0      | 38.0        |
| TPS7A4525DCQR   | SOT-223      | DCQ             | 6    | 2500 | 346.0       | 346.0      | 41.0        |
| TPS7A4525DCQT   | SOT-223      | DCQ             | 6    | 250  | 180.0       | 180.0      | 85.0        |
| TPS7A4525KTTR   | DDPAK/TO-263 | KTT             | 5    | 500  | 340.0       | 340.0      | 38.0        |
| TPS7A4533DCQR   | SOT-223      | DCQ             | 6    | 2500 | 346.0       | 346.0      | 29.0        |
| TPS7A4533DCQT   | SOT-223      | DCQ             | 6    | 250  | 180.0       | 180.0      | 85.0        |
| TPS7A4533DCQTG4 | SOT-223      | DCQ             | 6    | 250  | 180.0       | 180.0      | 85.0        |
| TPS7A4533KTTR   | DDPAK/TO-263 | KTT             | 5    | 500  | 340.0       | 340.0      | 38.0        |