

**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 |
|----------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| LM2902MTX/NOPB | TSSOP        | PW              | 14   | 2500 | 330.0              | 12.4               | 6.95    | 5.6     | 1.6     | 8.0     | 12.0   | Q1            |
| LM2902MX/NOPB  | SOIC         | D               | 14   | 2500 | 330.0              | 16.4               | 6.5     | 9.35    | 2.3     | 8.0     | 16.0   | Q1            |
| LM324AMX/NOPB  | SOIC         | D               | 14   | 2500 | 330.0              | 16.4               | 6.5     | 9.35    | 2.3     | 8.0     | 16.0   | Q1            |
| LM324MTX/NOPB  | TSSOP        | PW              | 14   | 2500 | 330.0              | 12.4               | 6.95    | 5.6     | 1.6     | 8.0     | 12.0   | Q1            |
| LM324MX/NOPB   | SOIC         | D               | 14   | 2500 | 330.0              | 16.4               | 6.5     | 9.35    | 2.3     | 8.0     | 16.0   | Q1            |

**TAPE AND REEL BOX DIMENSIONS**


\*All dimensions are nominal

| Device         | Package Type | Package Drawing | Pins | SPQ  | Length (mm) | Width (mm) | Height (mm) |
|----------------|--------------|-----------------|------|------|-------------|------------|-------------|
| LM2902MTX/NOPB | TSSOP        | PW              | 14   | 2500 | 367.0       | 367.0      | 35.0        |
| LM2902MX/NOPB  | SOIC         | D               | 14   | 2500 | 356.0       | 356.0      | 35.0        |
| LM324AMX/NOPB  | SOIC         | D               | 14   | 2500 | 367.0       | 367.0      | 35.0        |
| LM324MTX/NOPB  | TSSOP        | PW              | 14   | 2500 | 367.0       | 367.0      | 35.0        |
| LM324MX/NOPB   | SOIC         | D               | 14   | 2500 | 356.0       | 356.0      | 35.0        |

**TUBE**


\*All dimensions are nominal

| Device        | Package Name | Package Type | Pins | SPQ | L (mm) | W (mm) | T (μm) | B (mm) |
|---------------|--------------|--------------|------|-----|--------|--------|--------|--------|
| LM124AJ/PB    | J            | CDIP         | 14   | 25  | 502    | 14     | 11938  | 4.32   |
| LM124J/PB     | J            | CDIP         | 14   | 25  | 502    | 14     | 11938  | 4.32   |
| LM224J        | J            | CDIP         | 14   | 25  | 502    | 14     | 11938  | 4.32   |
| LM2902M/NOPB  | D            | SOIC         | 14   | 55  | 495    | 8      | 4064   | 3.05   |
| LM2902MT      | PW           | TSSOP        | 14   | 94  | 495    | 8      | 2514.6 | 4.06   |
| LM2902MT      | PW           | TSSOP        | 14   | 94  | 495    | 8      | 2514.6 | 4.06   |
| LM2902MT/NOPB | PW           | TSSOP        | 14   | 94  | 495    | 8      | 2514.6 | 4.06   |
| LM2902N/NOPB  | N            | PDIP         | 14   | 25  | 502    | 14     | 11938  | 4.32   |
| LM324AM/NOPB  | D            | SOIC         | 14   | 55  | 495    | 8      | 4064   | 3.05   |
| LM324AN/NOPB  | N            | PDIP         | 14   | 25  | 502    | 14     | 11938  | 4.32   |
| LM324M/NOPB   | D            | SOIC         | 14   | 55  | 495    | 8      | 4064   | 3.05   |
| LM324MT/NOPB  | PW           | TSSOP        | 14   | 94  | 495    | 8      | 2514.6 | 4.06   |
| LM324N/NOPB   | N            | PDIP         | 14   | 25  | 502    | 14     | 11938  | 4.32   |