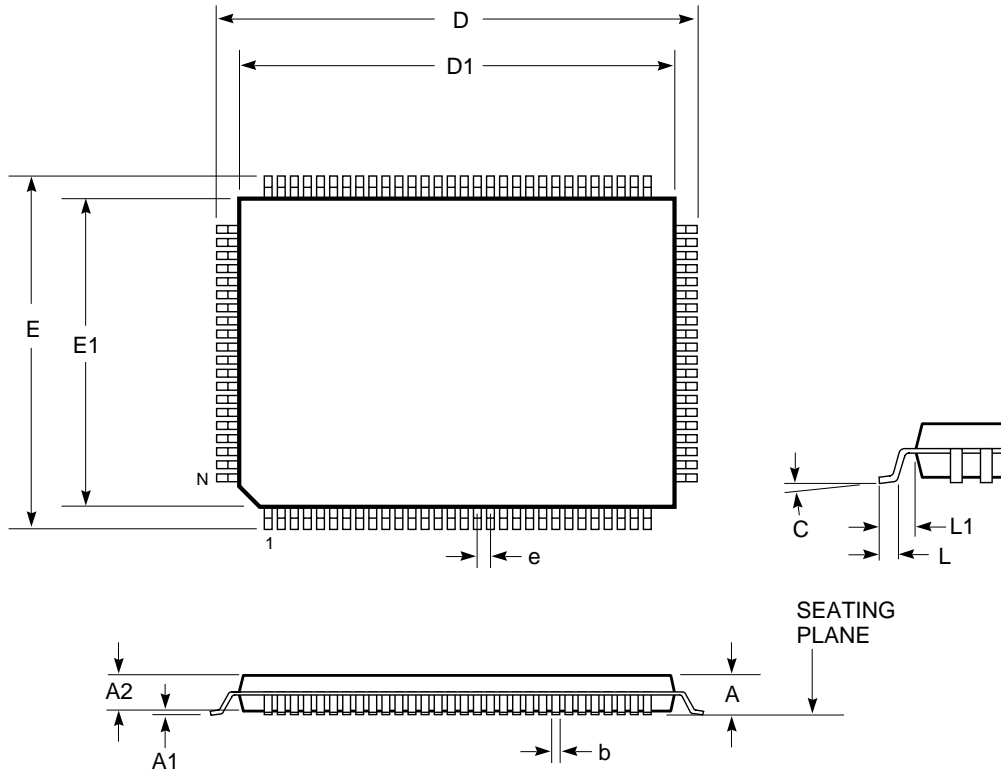


**PQFP (Plastic Quad Flat Pack Package)**  
**Package Code: PQ**



**Plastic Quad Flat Pack (PQ)**

| Symbol        | Millimeters |       | Inches     |       | Symbol     | Millimeters |            | Inches |     |
|---------------|-------------|-------|------------|-------|------------|-------------|------------|--------|-----|
|               | Min         | Max   | Min        | Max   |            | Min         | Max        | Min    | Max |
| Ref. Std.     |             |       |            |       |            |             |            |        |     |
| No. Leads (N) | <b>100</b>  |       |            |       | <b>128</b> |             |            |        |     |
| A             | —           | —     | —          | —     | —          | 3.40        | —          | 0.134  |     |
| A1            | 0.25        | —     | 0.010      | —     | 0.15       | 0.35        | 0.008      | 0.014  |     |
| A2            | 2.57        | 2.97  | 0.101      | 0.117 | 2.55       | 3.05        | 0.100      | 0.120  |     |
| b             | 0.25        | 0.375 | 0.010      | 0.015 | 0.17       | 0.27        | 0.007      | 0.011  |     |
| C             | 0.17        | 0.23  | 0.007      | 0.009 | 0.10       | 0.23        | 0.004      | 0.009  |     |
| D             | 23.00       | 23.40 | 0.905      | 0.921 | 23.00      | 23.40       | 0.906      | 0.921  |     |
| D1            | 19.90       | 20.10 | 0.783      | 0.791 | 19.90      | 20.10       | 0.783      | 0.791  |     |
| E             | 17.00       | 17.40 | 0.669      | 0.685 | 17.00      | 17.40       | 0.669      | 0.685  |     |
| E1            | 13.90       | 14.10 | 0.547      | 0.555 | 13.90      | 14.10       | 0.547      | 0.555  |     |
| e             | 0.65 BSC    |       | 0.026 BSC  |       | 0.50 BSC   |             | 0.020 BSC  |        |     |
| L             | 0.65        | 0.95  | 0.025      | 0.037 | 0.65       | 0.95        | 0.026      | 0.037  |     |
| L1            | 1.60 Nom.   |       | 0.063 Nom. |       | 1.60 Nom.  |             | 0.063 Nom. |        |     |

**Notes:**

1. All dimensioning and tolerancing conforms to ANSI Y14.5M-1982.
2. Dimensions D1 and E1 do not include mold protrusions. Allowable protrusion is 0.25 mm per side. D1 and E1 do include mold mismatch and are determined at datum plane -H-.
3. Controlling dimension: millimeters.