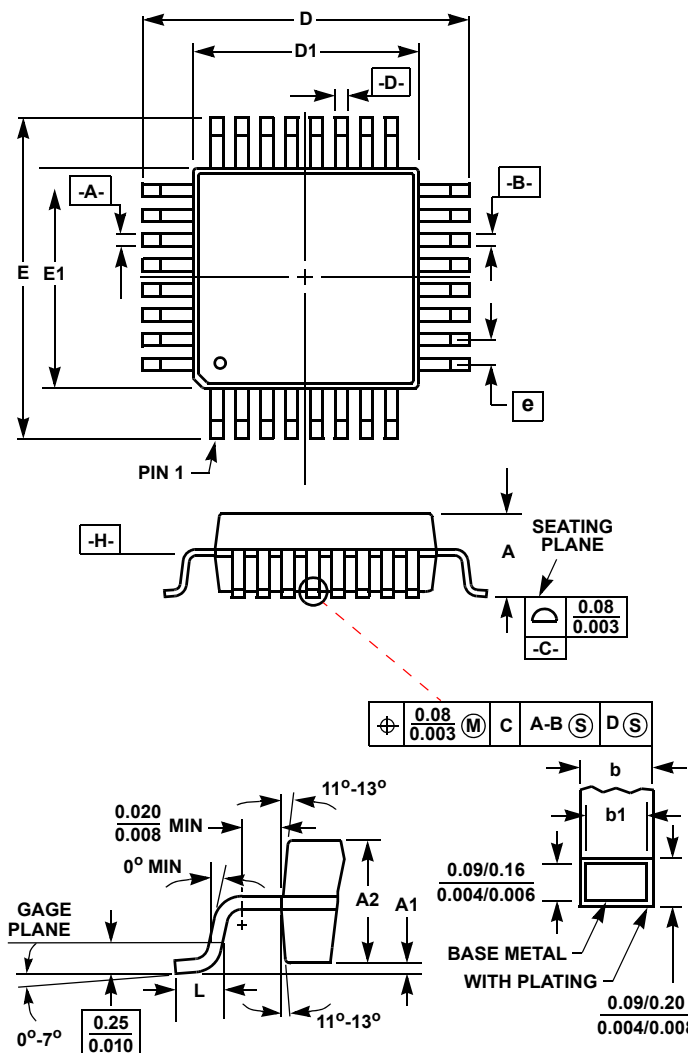


# Plastic Packages for Integrated Circuits

## Thin Plastic Quad Flatpack Packages (TQFP)

### Q32.5x5 (JEDEC MS-026AAA ISSUE B) 32 LEAD THIN PLASTIC QUAD FLATPACK PACKAGE



SYMBOL	MILLIMETERS		NOTES
	MIN	MAX	
A	-	1.20	-
A1	0.05	0.15	-
A2	0.95	1.05	-
b	0.17	0.27	6
b1	0.17	0.23	-
D	6.90	7.10	3
D1	4.90	5.10	4, 5
E	6.90	7.10	3
E1	4.90	5.10	4, 5
L	0.45	0.75	-
N	32		7
e	0.50 BSC		-

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#### NOTES:

- Controlling dimension: MILLIMETER. Converted inch dimensions are not necessarily exact.
- All dimensions and tolerances per ANSI Y14.5M-1982.
- Dimensions D and E to be determined at seating plane  $-C-$ .
- Dimensions D1 and E1 to be determined at datum plane  $-H-$ .
- Dimensions D1 and E1 do not include mold protrusion. Allowable protrusion is 0.25mm (0.010 inch) per side.
- Dimension b does not include dambar protrusion. Allowable dambar protrusion shall not cause the lead width to exceed the maximum b dimension by more than 0.08mm (0.003 inch).
- "N" is the number of terminal positions.