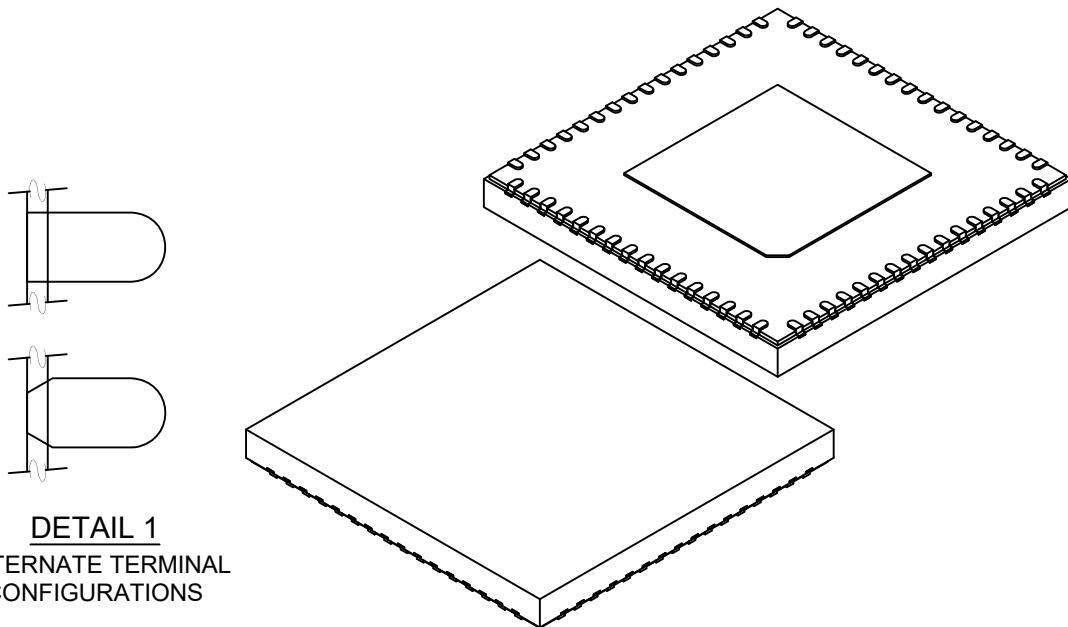


64-Lead Very Thin Plastic Quad Flat, No Lead Package (U6B) - 9x9 mm Body [VQFN] With 4.7 mm Exposed Pad and Stepped Wettable Flanks; Atmel Legacy ZRB

Note: For the most current package drawings, please see the Microchip Packaging Specification located at <http://www.microchip.com/packaging>



DETAIL 1

ALTERNATE TERMINAL CONFIGURATIONS

		Units	MILLIMETERS		
Dimension Limits			MIN	NOM	MAX
Number of Terminals	N		64		
Pitch	e		0.50 BSC		
Overall Height	A	0.80	0.85	0.90	
Standoff	A1	0.00	0.035	0.05	
Terminal Thickness	A3	0.203 REF			
Overall Length	D	9.00 BSC			
Exposed Pad Length	D2	4.60	4.70	4.80	
Overall Width	E	9.00 BSC			
Exposed Pad Width	E2	4.60	4.70	4.80	
Terminal Width	b	0.15	0.20	0.25	
Terminal Length	L	0.35	0.40	0.45	
Terminal-to-Exposed-Pad	K	1.75 REF			
Wettable Flank Step Length	D3	-	-	0.085	
Wettable Flank Step Height	A4	0.10	-	0.19	

Notes:

- Pin 1 visual index feature may vary, but must be located within the hatched area.
- Package is saw singulated
- Dimensioning and tolerancing per ASME Y14.5M
 - BSC: Basic Dimension. Theoretically exact value shown without tolerances.
 - REF: Reference Dimension, usually without tolerance, for information purposes only.