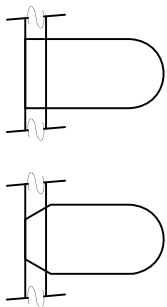
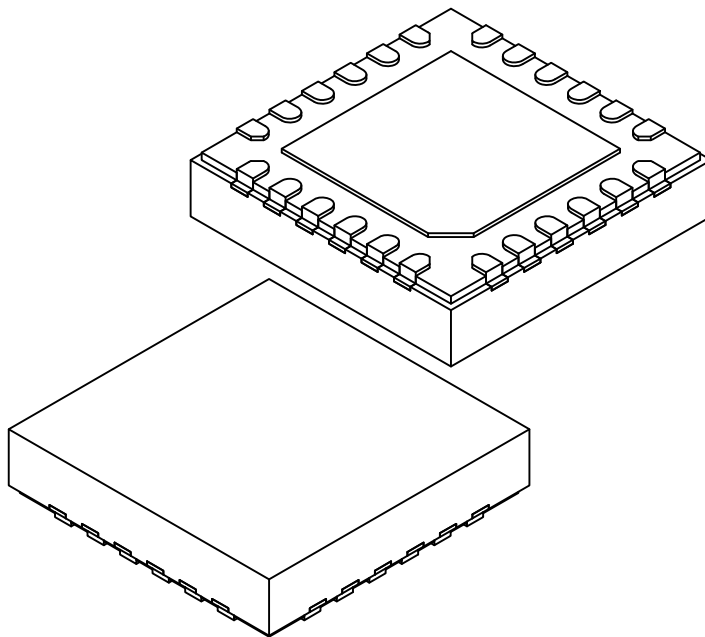


# 24-Lead Very Thin Plastic Quad Flat, No Lead Package (U3B) - 4x4 mm Body [VQFN] With 2.6mm Exposed Pad and Stepped Wettable Flanks; Atmel Legacy ZLH

**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	24			
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	4.00 BSC			
Exposed Pad Length	D2	2.50	2.60	2.70	
Overall Width	E	4.00 BSC			
Exposed Pad Width	E2	2.50	2.60	2.70	
Terminal Width	b	0.20	0.25	0.30	
Terminal Length	L	0.35	0.40	0.45	
Terminal-to-Exposed-Pad	K	0.20	-	-	
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.