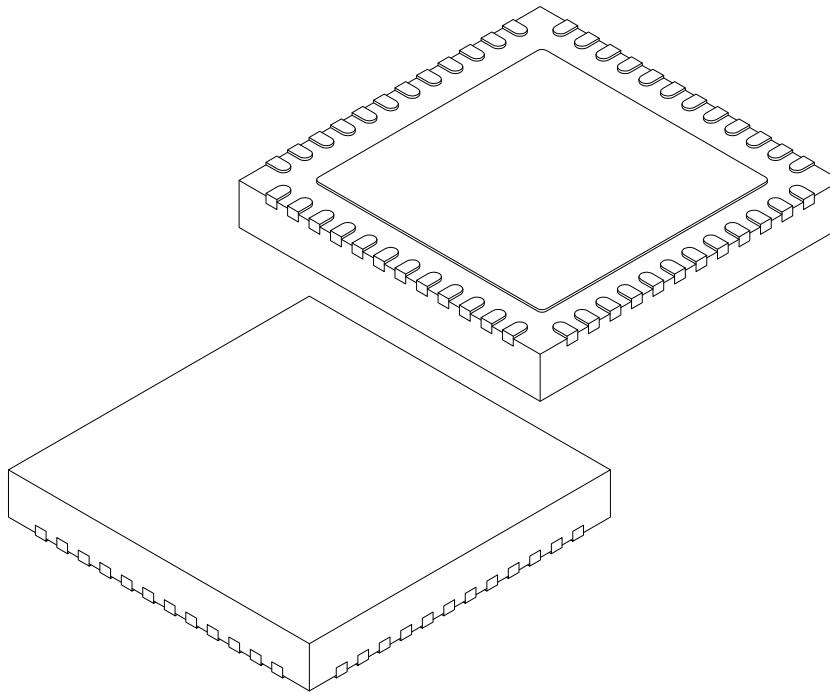


48-Lead Very Thin Quad Flat, No Lead Package [Y9X] - 7x7x1.0 mm Body [VQFN] With 5.3x5.3 mm Exposed Pad

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



Dimension		Units	MILLIMETERS		
Limits			MIN	NOM	MAX
Number of Terminals	N		48		
Pitch	e		0.50	BSC	
Overall Height	A	0.80	0.90	1.00	
Standoff	A1	0.00	0.02	0.05	
Terminal Thickness	A3		0.20	REF	
Overall Length	D		7.00	BSC	
Exposed Pad Length	D2	5.20	5.30	5.40	
Overall Width	E		7.00	BSC	
Exposed Pad Width	E2	5.20	5.30	5.40	
Terminal Width	b	0.18	0.25	0.30	
Terminal Length	L	0.30	0.40	0.50	
Terminal-to-Exposed-Pad	K	0.20	-	-	

Notes:

1. Pin 1 visual index feature may vary, but must be located within the hatched area.
2. Package is saw singulated
3. 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.