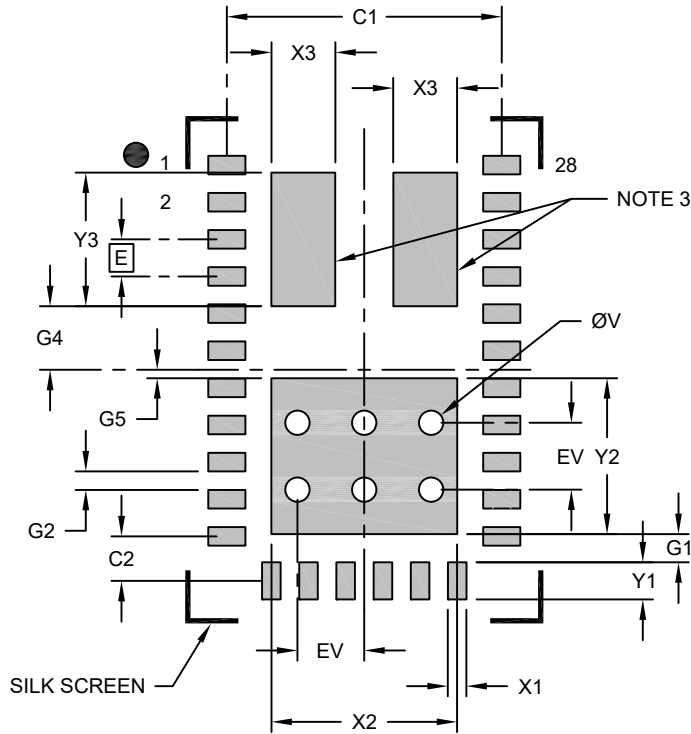


28-Lead Very Thin Plastic Quad Flat, No Lead Package (P7A) - 4x6 mm Body [VQFN] With Multiple Fused Exposed Pads

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



RECOMMENDED LAND PATTERN

Dimension Limits	Units	MILLIMETERS		
		MIN	NOM	MAX
Contact Pitch	E	0.50 BSC		
Center Pad Width	X2			2.52
Center Pad Length	Y2			2.10
Center Pad Width	X3			0.86
Center Pad Length (X2)	Y3			1.80
Contact Pad Spacing	C1		3.70	
Contact Pad Spacing	C2		0.60	
Contact Pad Width (X28)	X1			0.27
Contact Pad Length (X28)	Y1			0.52
Contact Pad to Center Pad (X6)	G1	0.38		
Contact Pad to Contact Pad (X25)	G2	0.25		
Contact Pad to Contact Pad (X2)	G3	0.23		
Package Center to Center Pad (X2)	G4		0.86	
Package Center to Center Pad	G5		0.12	
Thermal Via Diameter	V		0.33	
Thermal Via Pitch	EV		0.90	

Notes:

1. Dimensioning and tolerancing per ASME Y14.5M
BSC: Basic Dimension. Theoretically exact value shown without tolerances.
2. For best soldering results, thermal vias, if used, should be filled or tented to avoid solder loss during reflow process
3. These center pads have different electrical potentials. DO NOT CONNECT TO GROUND.