

CHANGE OF WAFFLE PACK FOR AD8138A



Change of waffle pack from H20-040055-24 to H20-044-30 for AD8138A

Waffle Pack P/N	H20-040055-24 Existing (mils)	H20-044-30 Proposed (mils)	Remarks
Full grid quantity	360	625	
Dimension	40 x 55 x 24	44 x 44 x 30	
Material	903 Poly Carbonate	903 Poly Carbonate	Both are qualified material and conforming ESD protection guidelines
Die size	36.6 x 37.7 x 19	-same-	
Die to waffle cavity clearance requirement	3.4 (X) 17.3 (Y)	7.4 (X) 6.3 (Y)	Min. clearance distance between die to the chip tray cavity shall be a minimum of 5 mils total in each of the X & Y dimension.
Die Flipping	36.6 (shortest die length) 24 (cavity depth)	36.6 (shortest die length) 30 (cavity depth)	Shortest die length must be at least 3 mils more than the cavity depth
Die Rotation	52.54 (diagonal length) 40 (shortest pocket)	52.54 (diagonal length) 44 (shortest pocket)	Length of the diagonal of the die must be at least 7 mils greater than the shortest pocket