

Package Weight and Material Composition

Rev JA

Customer : Nordic / nRF24AP1

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Package: MLF 5x5x0.85 24lds

Pad/cavity size: 3.800 x 3.800 mm

	Name	Composition	%	gms	Density	gms	%	PPM
Molding Compound	Sumitomo EME G700 (Green)				1.95	0.02315	33.04%	330,370
	Resin Type	Multi-aromatic Resin %	16.0	0.003704			5.29%	52,859
	Filler Type	SiO2 Filler %	84.0	0.019447			27.75%	277,511
Frame	C194FH				8.9	0.03988	56.91%	569,119
		Cu	97.44	0.038862			55.46%	554,563
		Fe	2.35	0.000937			1.34%	13,374
		Zn	0.13	0.000050			0.07%	711
		P	0.08	0.000033			0.05%	470
Frame Plating	Ag				Avg. Density	0.00034	0.49%	4,909
		Ag		0.000344	10.50		0.49%	4,909
Die						0.00390	5.57%	55,653
Die #1	Silicon			0.003900	2.4		5.565%	55,653
Die Attach						0.00109	1.55%	15,535
Die #1	CRM 1085A	Resin	16	0.000174	4.5		0.25%	2,486
		Filler	Ag	84	0.000914		1.30%	13,049
Wire			%	gms	8.94	0.00023	0.33%	3,278
Wire Dia(mm)	0.020	Cu	99.9900	0.000230			0.328%	3,277
		Ca	0.0020	0.000000			0.000%	0.066
		Ni	0.0015	0.000000			0.000%	0.049
		S	0.0012	0.000000			0.000%	0.039
		Fe	0.0010	0.000000			0.000%	0.033
		Al	0.0010	0.000000			0.000%	0.033
		Others	0.0003	0.000000			0.000%	0.010
External Plating	Sn	Sn			Avg. Density	0.00148	2.11%	21,137
		Sn		0.001481	7.30		2.114%	21,137
						0.070	100.00%	100000



Shaded blocks calculated per RoHS requirements

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