

Package Weight and Material Composition

Rev JA

Customer : Nordic / nRF24LE1-F16Q32

Date: 4/30/2013

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Package: MLF 5x5x0.85 32lds

Pad/cavity size: 3.800 x 3.800 mm

Name		Composition		%	gms	Density	gms	%	PPM	CAS #
Molding Compound	Sumitomo EME G700 (Green)					1.95	0.02283	32.67%	326,738	
Resin Type		Multi-aromatic Resin %		16.0	0.003653			5.23%	52,278	N/A
Filler Type		SiO2 Filler %		84.0	0.019179			27.45%	274,460	60676-86-0
Frame	C194FH					8.9	0.03921	56.12%	561,177	
		Cu		97.44	0.038212			54.68%	546,825	7440-50-8
		Fe		2.35	0.000922			1.32%	13,188	7439-89-6
		Zn		0.13	0.000049			0.07%	701	7440-66-6
		P		0.08	0.000032			0.05%	463	7723-14-0
Frame Plating	Ag					Avg. Density	0.00061	0.87%	8,702	
		Ag			0.000608	10.50		0.87%	8,702	7440-22-4
Die							0.00429	6.14%	61,435	
Die #1	Silicon				0.004293	2.4		6.143%	61,435	
Die Attach							0.00116	1.66%	16,618	
Die #1	CRM 1085A			Resin	16	0.000186	4.5	0.27%	2,659	N/A
		Filler		Ag	84	0.000975		1.40%	13,959	7440-22-4
Wire				%	gms	8.94	0.00032	0.46%	4,573	
Wire Dia(mm)	0.020	Cu		99.9900	0.000320			0.457%	4,572	7440-50-8
		Ca		0.0020	0.000000			0.000%	0.091	7440-70-2
		Ni		0.0015	0.000000			0.000%	0.069	7440-02-0
		S		0.0012	0.000000			0.000%	0.055	7704-34-9
		Fe		0.0010	0.000000			0.000%	0.046	7439-89-6
		Al		0.0010	0.000000			0.000%	0.046	7429-90-5
		Others		0.0003	0.000000			0.000%	0.014	
External Plating	Sn	Sn				Avg. Density	0.00145	2.08%	20,757	
		Sn			0.001451	7.30		2.076%	20,757	7440-31-5
								0.070	100.00%	1000000



Shaded blocks calculated per RoHS requirements

Disclaimer

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