

PEREGRINE MATERIAL DECLARATION FORM

Package:	6L 3X3 DFN
RoHS Compliant	Yes
Lead Finish	100% Matt Tin
Peak Reflow Temp	260 degree C
Time at Peak Temp	20 Sec
Max No. of Reflow	Three
Availability	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
Package					
Leadframe	Nickel (Ni):	7440-02-0	1.904365	10.07%	100,654
	Iron (Fe):	7439-89-6	2.528447	13.36%	133,639
	Cobalt (Co):	7440-48-4	0.022944	0.12%	1,213
	Carbon (C):	-	0.002294	0.01%	121
	Silicon (Is):	7440-21-3	0.013766	0.07%	728
	Manganese (Mn):	7439-96-5	0.036711	0.19%	1,940
	Phosphorus (P):	7723-14-0	0.001147	0.01%	61
	Sulfur (S):	-	0.001147	0.01%	61
	Chromium (Cr):	7440-47-3	0.004589	0.02%	243
	Aluminium (Al):	7429-90-5	0.004589	0.02%	243
	Die attach material	Epoxy resin (5-25%):	Proprietary	0.264000	1.40%
Silver (70-85%):		7440-22-4	0.033000	0.17%	1,744
Aromatic Amine (1-10%):		Proprietary	0.033000	0.17%	1,744
Wire	Au:	7440-57-5	0.169983	0.90%	8,984
100% Matte Tin Lead Finish	Sn:	7440-31-5	0.300000	1.59%	15,856
Encapsulation G600	Silica Fused:	7631-86-9	11.736040	62.03%	620,299
	Epoxy Resin:	-	0.690355	3.65%	36,488
	Epoxy, Creso Novolac:	1309-64-4	0.276142	1.46%	14,595
	Carbon Black:	1333-86-4	0.207107	1.09%	10,946
	Phenol Resin:	-	0.690355	3.65%	36,488
Total Weight (mg)			18.919983	100.00%	1,000,000