

PEREGRINE MATERIAL DECLARATION FORM

Package:	32L 5X5 QFN
RoHS Compliant	Yes
Lead Finish	100% Matte 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 421950	Cu:	7440-50-8	25.906800	38.35%	383,503
	Fe:	7439-89-6	0.624400	0.92%	9,243
	Zn:	7440-66-6	0.031900	0.05%	472
	P:	7723-14-0	0.008000	0.01%	118
	Ag (weight estimate):	7440-22-4	0.379400	0.56%	5,616
Die attach material	Silver (65 - 85):	7440-22-4	0.337500	0.50%	4,996
	Acrylate Resin (1-5):	Proprietary	0.031800	0.05%	471
	2-Butoxyethyl Acetate (1-5):	1121-07-2	0.013900	0.02%	206
	2-(2-Butoxyethoxy) ethyl Acetate (1-5):	124-17-4	0.013900	0.02%	206
Gold Wire	Au:	7440-57-5	0.069400	0.10%	1,027
100% Matte Tin Lead Finish	Sn:	7440-31-5	1.109100	1.64%	16,418
Mold Compound	Silica Fused (75 - 95):	60676-86-0	35.787600	52.98%	529,771
	Epoxy Resin (1 - 5):	Trade secret	1.561100	2.31%	23,109
	Phenol Resin (1 - 5):	Trade secret	1.561100	2.31%	23,109
	Carbon Black (0.1- 0.5):	1333-86-4	0.117100	0.17%	1,733
Total Weight (mg)			67.553000	100.00%	1,000,000