

PEREGRINE MATERIAL DECLARATION FORM

Product:	Package Only
Ordering Codes:	Package Only
Description:	Package Only
Package:	16L 3X3 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	TBD

Component	Material	CAS Number	Weight (mg)	%	PPM
Package					
Leadframe	Cu:	7440-50-8	11.070020	33.08%	330,768
	Fe:	7439-89-6	0.266816	0.80%	7,972
	Zn:	7440-66-6	0.013625	0.04%	407
	P:	7723-14-0	0.003406	0.01%	102
	Ag (weight estimate):	7440-22-4	0.134400	0.40%	4,016
Die attach material	Silver (65 - 85):	7440-22-4	0.073019	0.22%	2,182
	Epoxy Resin (15 - 25):	9003-36-5	0.019472	0.06%	582
	t-Butyl phenyl glycidyl ether (5 - 10):	3101-60-8	0.007301	0.02%	218
	Phenolic hardener (1 - 2):	92-88-6	0.001460	0.00%	44
Gold Wire	Butyl cellosolve acetate (0.5 - 1.5):	112-07-2	0.000974	0.00%	29
	Au:	7440-57-5	0.208400	0.62%	6,227
	Ag:	7440-22-4	0.000036	0.00%	1
	Cu:	7440-50-8	0.000036	0.00%	1
	Fe:	7439-89-6	0.000072	0.00%	2
	Mg:	7439-95-4	0.000036	0.00%	1
	Ca:	7440-70-2	0.000036	0.00%	1
100% Matte Tin Lead Finish	Be:	7440-41-7	0.000179	0.00%	5
	Sn:	7440-31-5	0.630560	1.88%	18,841
Mold Compound	Silica Fused (75 - 95):	60676-86-0	19.429255	58.05%	580,539
	Epoxy Resin (1 - 5):	Trade secret	1.023585	3.06%	30,584
	Phenol Resin (1 - 5):	Trade secret	0.511793	1.53%	15,292
	Carbon Black (0.1- 0.5):	1333-86-4	0.073113	0.22%	2,185
Total Weight (mg)			33.467594	100.00%	999,999