

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE4268
Ordering Codes:	4268-51; 4268-52
Description:	SP6T Cellular Handset Switch - 50 Ohm
Package:	20L 4X4 QFN
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
Die					
	Sapphire:	1344-28-1	1.480560	3.39%	33,877
	Silicon:	7440-21-3	0.000314	0.00%	7
	Silicon Dioxide:	7631-86-9	0.004700	0.01%	108
	Silicon Nitride:	12033-89-5	0.002793	0.01%	64
	Tungsten Silicide:	12039-88-2	0.000396	0.00%	9
	Titanium:	7440-33-6	0.000221	0.00%	5
	Titanium Nitride:	25583-20-4	0.000686	0.00%	16
	Aluminium Alloy (98.5%-Al, 1%-Si, 0.5%-Cu):	7429-90-5	0.002836	0.01%	65
	Arsenic:	7440-38-2	0.000002	0.00%	0
	Boron:	7440-42-8	0.000109	0.00%	2
	Phosphorous:	7723-14-0	0.000098	0.00%	2
Package					
Leadframe 421950	Cu:	7440-50-8	13.837525	31.66%	316,621
	Fe:	7439-89-6	0.333520	0.76%	7,631
	Zn:	7440-66-6	0.017031	0.04%	390
	P:	7723-14-0	0.004258	0.01%	97
	Ag (weight estimate):	7440-22-4	0.168000	0.38%	3,844
Die attach material	Silver (65 - 85):	7440-22-4	0.129812	0.30%	2,970
	Epoxy Resin (15 - 25):	9003-36-5	0.034617	0.08%	792
	t-Butyl phenyl glycidyl ether (5 - 10):	3101-60-8	0.012981	0.03%	297
	Phenolic hardener (1 - 2):	92-88-6	0.002596	0.01%	59
	Butyl cellosolve acetate (0.5 - 1.5):	112-07-2	0.001731	0.00%	40