

## PEREGRINE MATERIAL DECLARATION FORM

<b>Product:</b>	PE42632
<b>Ordering Codes:</b>	PE42632DTI, PE42632DBI
<b>Description:</b>	SP6T 2.70V Switch 100-3000 MHz
<b>Package:</b>	Flip Chip
<b>RoHS Compliant</b>	Yes
<b>Solder Bump</b>	SnAgCu Alloy
<b>Availability</b>	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
<b>Die</b>					
	Sapphire:	1344-28-1	1.179645	98.11%	981,073
	Silicon	7440-21-3	0.000398	0.03%	255
	Silicon Dioxide	7631-86-9	0.007174	0.46%	4,596
	Silicon Nitride	12033-89-5	0.002983	0.19%	1,911
	Tungsten Silicide	12039-88-2	0.000513	0.03%	328
	Titanium	7440-33-6	0.000297	0.02%	190
	Titanium Nitride	25583-20-4	0.000747	0.05%	478
	Aluminium Alloy (98.5%-Al, 1%-Si, 0.5%-Cu)	7429-90-5	0.004035	0.26%	2,585
	Arsenic	7440-38-2	0.000635	0.04%	407
	Boron	7440-42-8	0.000388	0.02%	249
	Phosphorous	7723-14-0	0.000203	0.01%	130
<b>Solder Bumps</b>					
	Sn	7440-31-5	0.011413	0.73%	7,310
	Ag	7440-22-4	0.000602	0.04%	385
	Cu	7440-50-8	0.000146	0.01%	94
	BCB	694-87-1	0.000013	0.00%	8
	UBM	N/A	0.000001	0.00%	1
<b>Total Weight (mg)</b>			<b>1.209193</b>	100%	1,000,000