

## PEREGRINE MATERIAL DECLARATION FORM

<b>Product:</b>	PE42672
<b>Ordering Codes:</b>	42672-90, 42672-99
<b>Description:</b>	SP7T 2.75V Switch 100-3000 MHz, + 67 dBm IIP3
<b>Package:</b>	Unbumped Bare Die
<b>RoHS Compliant</b>	Yes
<b>Availability</b>	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
<b>Die</b>					
	Sapphire:	1344-28-1	1.175000	98.97%	989,661
	Silicon	7440-21-3	0.000333	0.03%	280
	Silicon Dioxide	7631-86-9	0.004700	0.40%	3,959
	Silicon Nitride	12033-89-5	0.002710	0.23%	2,283
	Tungsten Silicide	12039-88-2	0.000412	0.03%	347
	Titanium	7440-33-6	0.000259	0.02%	218
	Titanium Nitride	25583-20-4	0.000243	0.02%	205
	Aluminium Alloy (98.5%-Al, 1%-Si, 0.5%-Cu)	7429-90-5	0.003150	0.27%	2,653
	Arsenic	7440-38-2	0.000259	0.02%	218
	Boron	7440-42-8	0.000114	0.01%	96
	Phosphorous	7723-14-0	0.000095	0.01%	80
<b>Total Weight (mg)</b>			<b>1.187275</b>	100%	1,000,000