

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE42660
Ordering Codes:	42660-90, 42660-99
Description:	SP6T 2.75V Switch 100-3000 MHz
Package:	Unbumped Bare Die
RoHS Compliant	Yes
Availability	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
Die					
	Sapphire:	1344-28-1	1.529000	99.14%	991,429
	Silicon	7440-21-3	0.000355	0.02%	230
	Silicon Dioxide	7631-86-9	0.004900	0.32%	3,177
	Silicon Nitride	12033-89-5	0.002830	0.18%	1,835
	Tungsten Silicide	12039-88-2	0.000453	0.03%	294
	Titanium	7440-33-6	0.000247	0.02%	160
	Titanium Nitride	25583-20-4	0.000743	0.05%	482
	Aluminium Alloy (98.5%-Al, 1%-Si, 0.5%-Cu)	7429-90-5	0.003200	0.21%	2,075
	Arsenic	7440-38-2	0.000273	0.02%	177
	Boron	7440-42-8	0.000119	0.01%	177
	Phosphorous	7723-14-0	0.000099	0.01%	64
Total Weight (mg)			1.542219	100%	1,000,100

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Product:	PE42660
Ordering Codes:	42660-72
Description:	SP6T 2.75V Switch 100- 3000 MHz
Package:	Unbumped Bare Die
RoHS Compliant	Yes
Availability	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
Die					
	Sapphire	1344-28-1	2.442960	99.93%	999,320
	Silicon and its inorganic compound	7440-21-3	0.000273	0.03%	210
	Tungsten Silicide	7440-33-7	0.000149	0.01%	120
	Titanium and its compounds	7440-32-6	0.000055	0.01%	69
	Copper and its Compound	7440-50-8	0.000004	0.00%	37
	Aluminum Alloy	7429-90-5	0.001370	0.01%	160
	Dopant Arsenic	7440-38-2	0.000005	2.05E-06	25
	Dopant Boron	7440-42-8	0.000037	1.51E-05	15
	Dopant Phosphorus	7223-14-0	0.000114	4.66E-05	44
Total Weight (mg)			2.444967	100.00%	1000000