

## PEREGRINE MATERIAL DECLARATION FORM

<b>Product:</b>	<b>PE35400</b>
<b>Ordering Codes:</b>	<b>PE35400A-G</b>
<b>Description:</b>	<b>UltraCMOS® Divide-by-4 Prescaler, 3–13.5 GHz</b>
<b>Package:</b>	<b>Die</b>
<b>Environmental Compliance</b>	<b>EU RoHS2 Directive 2011/65/EC, REACH - EU ECHA SVHC, Arsenic Free, JIG 101 - EIA/EICTA/JEITA, Halogen Free - IEC61249-2-21, PFOS Free - 2006/122/EC, Antimony Trioxide Free</b>
<b>Lead Finish</b>	<b>None</b>
<b>Availability</b>	<b>Oct-2015</b>

Component	Material	CAS Number	Weight (mg)	%	PPM
<b>Die</b>					
Die	Aluminum	7429-90-5	0.001770	0.23%	2,300
	Aluminum oxide	1344-28-1	0.760530	98.82%	988,221
	Arsenic	7440-38-2	0.000123	0.02%	159
	Boron	7440-42-8	0.000110	0.01%	142
	Copper	7440-50-8	0.000010	0.00%	13
	Phosphorus	7723-14-0	0.000048	0.01%	62
	Silicon	7440-21-3	0.000163	0.02%	212
	Silicon dioxide	1344-28-1	0.003542	0.46%	4,603
	Silicon nitride	12033-89-5	0.001461	0.19%	1,899
	Titanium	7440-32-6	0.001336	0.17%	1,735
	Titanium nitride	25583-20-4	0.000348	0.05%	453
	Tungsten silicide	12039-88-2	0.000155	0.02%	201
<b>Total Weight (mg)</b>			<b>0.769594</b>	100.00%	1,000,000