

## PEREGRINE MATERIAL DECLARATION FORM

<b>Product:</b>	PE43205
<b>Ordering Codes:</b>	PE43205B-Z
<b>Description:</b>	50Ω RF Digital Attenuator 2-bit; 0, 6, 12, and 18 dB States
<b>Package:</b>	12L 3X3 QFN
<b>Environmental Compliance</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>Availability</b>	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
<b>Die</b>					
Die	Silicon	7440-21-3	0.438506	1.73%	17,300
<b>Package</b>					
Leadframe	Copper	7440-50-8	11.682000	46.09%	460,890
	Iron	7439-89-6	0.282000	1.11%	11,126
	Zinc	7440-66-6	0.015000	0.06%	592
	Phosphorous	7723-14-0	0.010000	0.04%	395
Internal Plating	Nickel	7440-02-0	0.203900	0.80%	8,044
	Palladium	7440-05-3	0.004300	0.02%	170
	Gold	7440-57-5	0.000400	0.00%	16
	Silver	7440-22-4	0.000400	0.00%	16
Wire	Copper	7440-50-8	0.072400	0.29%	2,856
	Palladium	7440-05-3	0.001600	0.01%	63
External Plating	Nickel	7440-02-0	0.026500	0.10%	1,046
	Palladium	7440-05-3	0.001600	0.01%	63
	Gold	7440-57-5	0.001000	0.00%	39
	Silver	7440-22-4	0.001000	0.00%	39
Molding Compound	Multi-aromatic Resin	Trade secret	1.765000	6.96%	69,635
	Silica Fused	60676-86-0	10.841000	42.77%	427,710
<b>Total Weight (mg)</b>			<b>25.346606</b>	100.00%	1,000,000