



Certificate of Compliance - EU RoHS Directive 2011/65/EU

pSemi certifies that the product listed below is to the best of our knowledge, compliant with the applicable requirements of the European Directive 2011/65/EU of the European Parliament Council of 8 June 2011 concerning the Restriction of the use of certain Hazardous Substances in electrical and electronic equipment and the amendment 2015/863 of 31 March 2015.

This pSemi product does not contain the Regulated Substances above the Material Concentration Values or does contain a Regulated Substance per the permitted exemption listed at the homogeneous material level in accordance with the European Commission Decision 2005/618/EC.

Product: PE4151

Description: Low Frequency Passive Mixer with Integrated LO Amplifier

Exemption: None needed

List of Restricted Substances

Item	Restricted Substance	EC No	CAS No	MCV Threshold	Effective Date
1	Lead	-	7439-92-1	1000 ppm (0.1% wt)	7/21/2011
2	Cadmium	231-152-8	7440-43-9	100 ppm (0.01% wt)	7/21/2011
3	Mercury	-	7439-97-6	1000 ppm (0.1% wt)	7/21/2011
4	Hexavalent chromium	-	various	1000 ppm (0.1% wt)	7/21/2011
5	Polybrominated biphenyls (PBB's)	-	-	1000 ppm (0.1% wt)	7/21/2011
6	Polybrominated diphenyl ethers (PBDE's)	-	-	1000 ppm (0.1% wt)	7/21/2011
7	Bis(2-Ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	1000 ppm (0.1% wt)	6/24/2015
8	Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	1000 ppm (0.1% wt)	6/24/2015
9	Dibutyl phthalate (DBP)	201-557-4	84-74-2	1000 ppm (0.1% wt)	6/24/2015
10	Diisobutyl phthalate (DIBP)	201-553-2	84-69-5	1000 ppm (0.1% wt)	6/24/2015

Signature:  Date: January 2, 2020

George Kong, Director of Quality