



Material Composition Declaration

EPC2067

Company Name	Efficient Power Conversion (EPC)	Issue Date:	10/7/2021
Contact Name:	Yanping Ma	Contact Title:	VP Quality
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Part Weight:	13.2 mg	Type of Product:	eGaN FET

Construction Element	Substance	CAS No. If Applicable	Weight	Mass	Sum (%)	Mass (ppm)
			(mg)	(%)		
Chip	Silicon	7440-21-3	10.9592	83.2591	86.3002	832591
	Silicon oxide	7631-86-9	0.0714	0.5422		5422
	Silicon nitride	12033-89-5	0.0177	0.1344		1344
	Gallium nitride	25617-97-4	0.0389	0.2953		2953
	Aluminum	7429-90-5	0.1474	1.1200		11200
	Aluminum nitride	24304-00-5	0.0069	0.0521		521
	Titanium	7440-32-6	0.0025	0.0190		190
	Titanium nitride	25583-20-4	0.0113	0.0861		861
	Copper	7440-50-8	0.0025	0.0187		187
	Tungsten	7440-33-7	0.0077	0.0588		588
	Polyimide		0.0940	0.7145	7145	
Under Bump Metal	Titanium	7440-32-6	0.0015	0.0110	0.1208	110
	Copper	7440-50-8	0.0145	0.1098		1098
Solder Bump	Copper	7440-50-8	0.1445	1.0979	13.5790	10979
	Nickel	7440-02-0	0.0862	0.6549		6549
	Tin	7440-31-5	1.5286	11.6133		116133
	Silver	7440-22-4	0.0280	0.2129		2129
Sum in total:			13.1628	100.0000	100.0000	1000000

Note:

The substance content disclosed herewith is approximate and is based on engineering calculation. Statements are based on our present knowledge and may subject to change at any time due to technical requirements and development. EPC may update this document without notification. Statement may not include information regarding the minute quantities of dopant and metal materials in the electrical devices contained within the finished product.