



# Material Composition Declaration

## EPC2067

Company Name	Efficient Power Conversion (EPC)	Issue Date:	6/17/2022
Contact Name:	Yanping Ma	Contact Title:	VP Quality
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Part Weight:	12.9 mg	Type of Product:	eGaN FET

Construction Element	Substance	CAS No. If Applicable	Weight	Mass	Sum	Mass
			(mg)	(%)	(%)	(ppm)
Chip	Silicon	7440-21-3	10.6947	82.6169	86.0697	826169
	Silicon oxide	7631-86-9	0.0714	0.5513		5513
	Silicon nitride	12033-89-5	0.0177	0.1366		1366
	Gallium nitride	25617-97-4	0.0446	0.3443		3443
	Aluminum	7429-90-5	0.1043	0.8058		8058
	Aluminum nitride	24304-00-5	0.0069	0.0529		529
	Titanium	7440-32-6	0.0025	0.0193		193
	Titanium nitride	25583-20-4	0.0961	0.7428		7428
	Copper	7440-50-8	0.0017	0.0134		134
	Tungsten	7440-33-7	0.0077	0.0598		598
	Polyimide		0.0940	0.7265	7265	
Under Bump Metal	Titanium	7440-32-6	0.0015	0.0112	0.1229	112
	Copper	7440-50-8	0.0145	0.1116		1116
Solder Bump	Copper	7440-50-8	0.1445	1.1164	13.8075	11164
	Nickel	7440-02-0	0.0862	0.6659		6659
	Tin	7440-31-5	1.5286	11.8087		118087
	Silver	7440-22-4	0.0280	0.2165		2165
Sum in total:			12.9450	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.