

Explore our latest GaN FET Solutions



N-Channel GaN FET in DFN and Chip Scale

Central Item No.	Maximum Ratings (TA = 25°C unless otherwise noted)					Electrical Characteristics: (TA = 25°C unless otherwise noted)					Package
	VDS (V) MAX	VGS (V) MAX	ID (A) MAX	IDM (A) MAX	TJ, Tstg (°C) MAX	rDS(ON) MAX	VGS(th) MAX	Qg TYP	Qgd TYP	Qgs TYP	
CCSPG1060N	100	-4.0 to +8.0	60	230	-40 to +150	3.2	2.5	1.9	1.7	1.1	CSP3.5X2
CDF56G6511N	650	-1.4 to +7.0	11.5	20.5	-55 to +150	190	2.5	2.8	1.1	0.25	DFN5X6A
CDF56G6517N	650	-1.4 to +7.0	17	32	-55 to +150	140	2.5	3.5	1.2	0.3	DFN5X6A
CDFG6511N*	650	-1.4 to +7.0	11.5	20.5	-55 to +150	190	2.5	2.8	1.1	0.25	DFN8X8
CDFG6517N*	650	-1.4 to +7.0	17	32	-55 to +150	140	2.5	3.5	1.2	0.3	DFN8X8
CCSPG0420N*	40	6.0	20	100	-40 to +150	4.0	2.4	15.8	8.6	1.9	CSP2X2
CCSPG0450N*	40	-4.0 to +6.0	50	200	-40 to +150	1.2	2.3	2.8	4.6	6.2	CSP5X4

*Available on demand

• Up-screening to equivalent MIL-PRF-19500 or Customer Specific testing available
• Standard and unique package options possible

N-Channel GaN FET Die

Bare Die - Available on Demand						
Central Die Item No.	Central Pkg. Device Item #	Die Size / MILS	Die Thickness	Topside Metalization	Backside Metalization	Chip Tray Pkg. Base
CPG007	CCSPG1060N	138.9 X 85	46.0	Ai-Cu 35000 Å	Si 21000 Å	88
CPG003	CDF56G6511N CDFG6511N*	132 X 55	45.2	Ai-Cu 35000 Å	Si 21000 Å	104
CPG004	CDF56G6517N CDFG6517N*	165 X 65	45.2	Ai-Cu 35000 Å	Si 21000 Å	60

*Available on demand

• Up-screening to equivalent MIL-PRF-38534 Class H, Class K or Customer Specific testing available
• Standard and custom metallization options possible

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