

Rad Hard GaN Packaged Discretos

Part Number	Voltage (V)	I _D (A)	Max R _{DS(on)} (mΩ)	Max Q _G (nC)	Package Size (mm)
FBG04N08A	40	8	24	2.8	3.4 x 3.4
FBG04N30B	40	30	6	11.4	5.7 x 3.9
EPC7014UB	60	1	580	184 (pC)	3.25 x 2.74
FBG10N30B	100	30	9	11	5.7 x 3.9
FBG10N05A	100	5	38	2.2	3.4 x 3.4
FBG20N04A	200	4	102	3.000	3.4 x 3.4
FBG20N18B	200	18	26	6.0	5.7 x 3.9
FBG30N04C	300	4	404	2.6	4.4 x 4.4

Rad Hard GaN on Ceramic Adaptor

Part Number	Voltage (V)	I _D (A)	Max R _{DS(on)} (mΩ)	Max Q _G (nC)	Package Size (mm)
CDA04N08X2	40	8	16	2.8	2.3 x 1.7
CDA04N30X1	40	30	9	11.4	4.8 x 2.2
CDA10N30X1	100	30	7	11	4.8 x 2.2
CDA10N05X2	100	5	30	2.2	2.3 x 1.7
CDA20N04X4	200	4	100	3	2.3 x 1.5
CDA20N18X3	200	18	25	6.000	4.2 x 2.2
CDA30N04X7	300	4	400	2.6	2.5 x 2.5

Rad Hard GaN Drivers and Power Stages

Part Number	Description	Package Size (mm)
FBS-GAM01P-C-PSE	Single Output High-Speed eGaN® HEMT Gate Driver Development Module	12.7 x 9.5
FBS-GAM01P-R-PSE	Radiation-Hardened Single Output High-Speed eGaN® HEMT Gate Driver Module	12.7 x 9.5
FBS-GAM02P-C-PSE	50 V Multifunction Power eGaN® HEMT Gate Driver Development Module	25 x 19
FBS-GAM02P-R-PSE	50 V Radiation-Hardened Multifunction Power eGaN® HEMT Gate Driver Driver Module	25 x 19
FBS-GAM01-P-C50	50 V/12 A Single Low-Side Power Driver Development Module	19 x 9.7
FBS-GAM01-P-R50	50 V/12 A Radiation-Hardened Single Low-Side Power Driver Module	19 x 9.7
FBS-GAM01-P-C100	100 V/12 A Single Low-Side Power Driver Development Module	19 x 9.7
FBS-GAM01-P-R100	100 V/12 A Radiation-Hardened Single Low-Side Power Driver Module	19 x 9.7
FBS-GAM02-P-C50	50 V/ 10 A Multifunction Power Development Module	25 x 19
FBS-GAM02-P-R50	50 V/10 A Radiation-Hardened Multifunction Power Module	25 x 19
FBS-GAM04-P-C50	50 V/10 A Dual Low-Side Power Driver Development Module	25 x 19
FBS-GAM04-P-C100	100 V/10 A Dual Low-Side Power Driver Development Module	25 x 19

Demonstration Boards

Part Number	Description	I_D (A)	Max $R_{DS(on)}$ (m Ω)	Featured Product
EPC7C001	FBS-GAM01P-R-PSE and FBG04N30B Switching Evaluation Board	40	14.3	FBS-GAM01P-R-PSE / FBG04N30B
EPC7C002	FBS-GAM01P-R-PSE and FBG10N30B Switching Evaluation Board	100	15.3	FBS-GAM01P-R-PSE / FBG10N30B
EPC7C003	FBS-GAM01P-R-PSE and FBG20N18B Switching Evaluation Board	200	30	FBS-GAM01P-R-PSE / FBG20N18B

Point of Load Evaluation Boards

Part Number	Description	I_{Load} (A)	V_{DD} (max) (V)	Max f_s (MHz)	Featured Product
EPC7C005	FBS-GAM02-P-R50 and EPCS-GAM02A-P-R50* Point of Load Evaluation Board	10	50	1	FBS-GAM02-P-R50 / EPCS-GAM02A-P-R50*

*Available 1Q22

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