

E-mode 40V-200V

Package	5060E P2P (RQFN 5x6)	GR 5030E (DFN 5x3)	3030E P2P (RQFN 3x3)	GR 5060E (DFN 5x6)	BDS (QFN 4X6)
Pinout	 ※ Double Side Cooling	 ※ Double Side Cooling	 ※ Double Side Cooling	 ※ Double Side Cooling	 ※ Double Side Cooling
Part-number (40V)	GR-04E001DJ	GR-04E001UG	GR-04E001GJ	-	-
Part-number (100V)	GR-10E001DJ GR-10E003DJ GR-10E005DJ	GR-10E003UG GR-10E005UG	GR-10E003GJ	GR-10E001DG GR-10E003DG	GR-10M003WQ
Part-number (150V)	GR-15E003DJ GR-15E005DJ GR-15E007DJ	GR-15E003UG GR-15E005UG GR-15E007UG	GR-15E005GJ GR-15E007GJ	GR-15E005DG GR-15E007DG	-
Part-number (200V)	GR-20E007DJ GR-20E010DJ	GR-20E007UG GR-20E010UG	-	GR-20E007DG GR-20E010DG	-

100V E-mode Power Stage (Integrated Driver)

700V E-mode

Package	GR-QFN (4.5 x 7.0)	GR-QFN (4.0 x 6.5)	GR-QFN (3.5 x 5.0)	GR-QFN (5.0 x 6.5)	GR-QFN (5.0 x 7.0)	Package	5060E (DFN 5x6)
Pinout	 ※ Double Side Cooling	 ※ Double Side Cooling	 ※ Double Side Cooling	 ※ Double Side Cooling	 ※ Double Side Cooling	Pinout	 GaNrich
Type (100V)	P2P TI LMG2100	P2P TI LMG3100	P2P EPC EPC23104	P2P ISG3204	GR HB GaN	Part-number	GR-70E100DD GR-70E150DD GR-70E240DD GR-70E350DD
Part-number	GR-10X003YQ	GR-10Y002ZQ GR-10Y005ZQ	GR-10Z011FQ	GR-10W003DQ	GR-10Z003YQ		

650-700V SMD E-mode and Power Stage

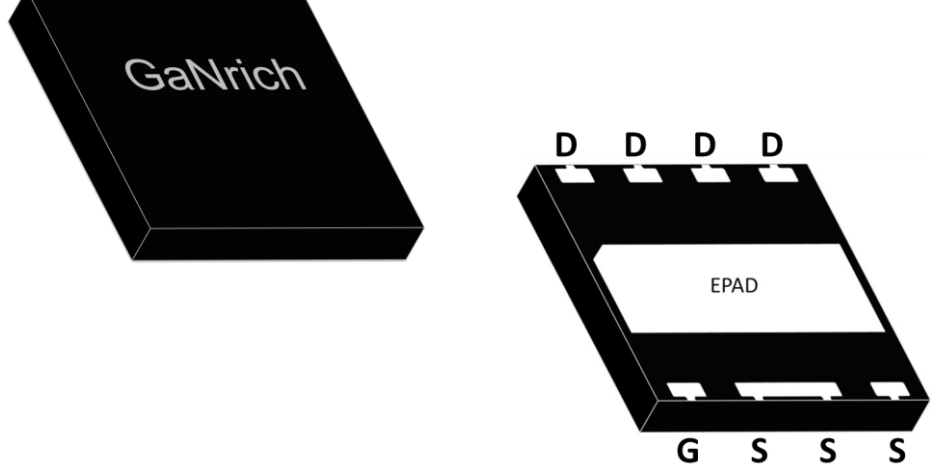
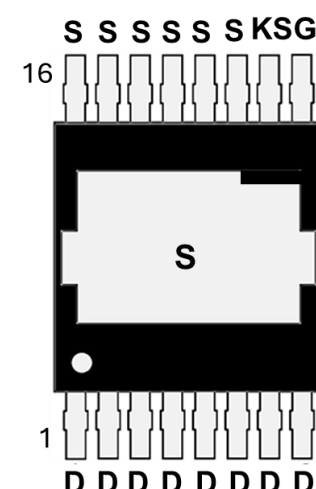
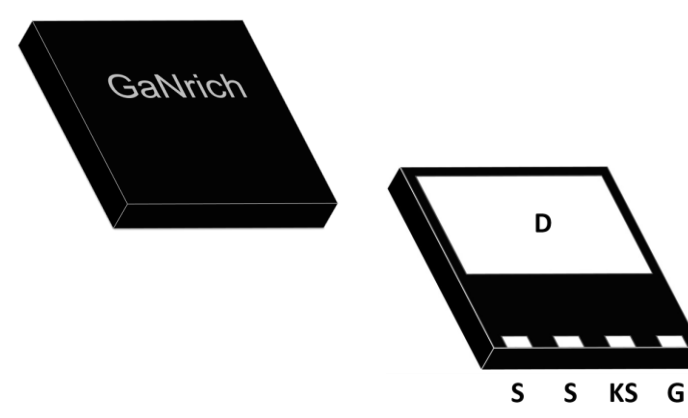
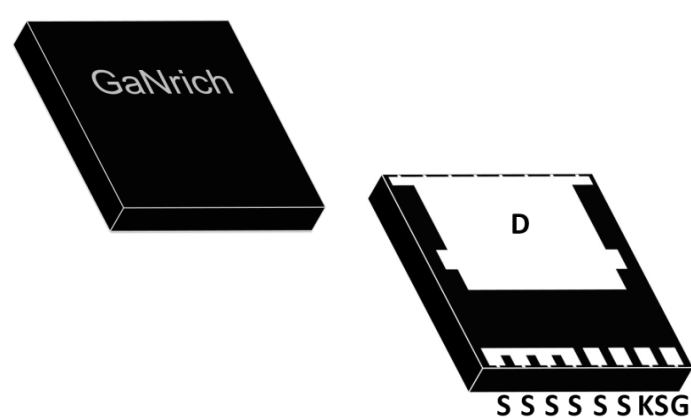
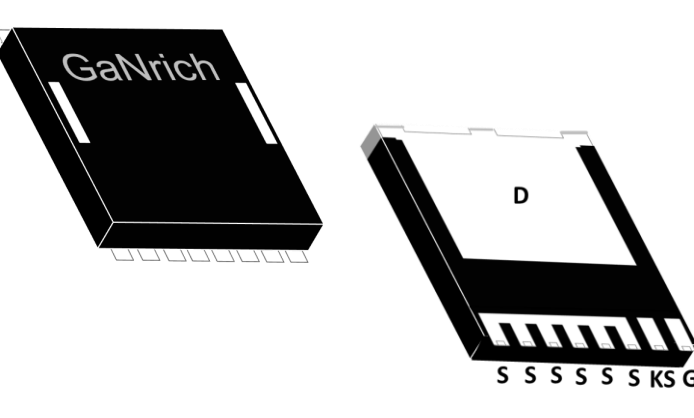
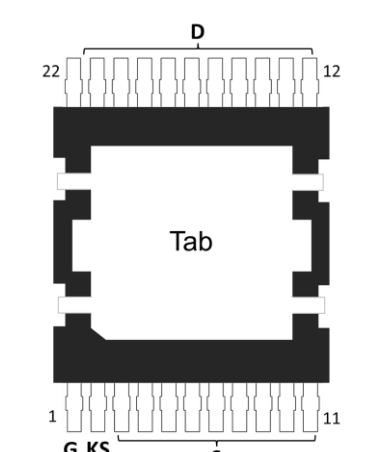
Package	TOLL (GaN)	TOLT (E-mode)	QDPAK (E-mode BDS)	8x8 (E-mode DSC)	TO-252	Package	8080L (DFN 8x8)	6080Q (QFN 6x8)	8080Q (QFN 8x8)
Pinout	 GaNrich	 S	 Tab	 ※ Double Side Cooling		Pinout	 GaNrich	 GaNrich	 GaNrich
Part-number	E-mode	E-mode	GR-65M030TI GR-65M050TI GR-65M070TI GR-65M100TI	GR-65E018AC GR-65E020AC	GR-70E100XA GR-70E150XA GR-70E240XA GR-70E350XA	Type (650V)	Integrated E-mode GaN	Integrated E-mode GaN P2P NV612X	GaN Power Stage (QR)
	GR-65E018MO GR-65E025MO GR-65E035MO GR-65E050MO GR-70E100MO	GR-65E018SL GR-65E025SL GR-65E035SL GR-65E050SL				Part-number	GR-65N150AD GR-65T150AD	GR-65T070CQ GR-65T125CQ GR-65T160CQ	GR-65Q170AQ GR-65Q240AQ
	Integrated	Integrated							
	GR-65T025MO GR-65T035MO GR-65T050MO	GR-65T018SL GR-65T035SL GR-65T050SL							



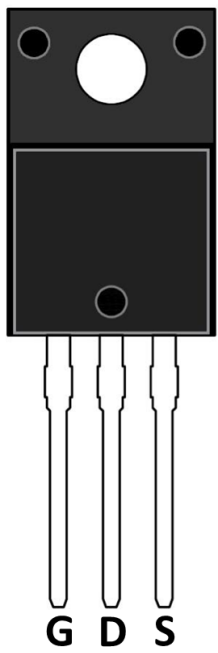
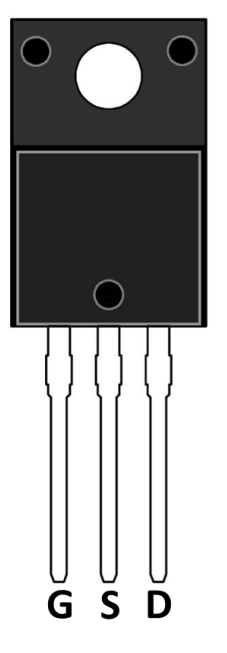
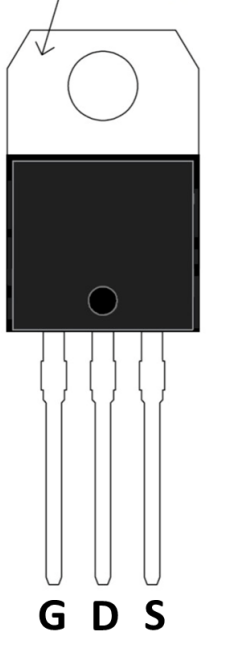
Let's GaN access to innovation!

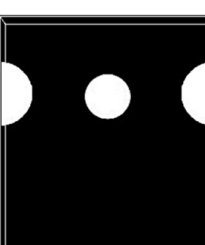
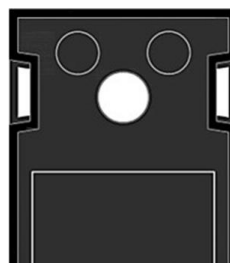
GaNrich

650V Cascode GaN (SMD)

Package	8080M (DFN 8x8)		TOLT	8080CM (DFN 8x8)	TOLL9 (DFN 9.9x10.5)	TOLL (MOS)	QDPAK	
Pinout								
Part-number	Vth 1.7V	Vth 3.0V	650V/Vth 3.0V	Vth 3.0V	Vth 3.0V	Vth 3.0V	650V	1200V
	GR-65P075AM	GR-65J075AM	GR-65J016SL	GR-65J050AK	GR-65J050ED	GR-65J016MS	GR-65J016TI GR-65J035TI	GR-A2J035TI
	GR-65P100AM	GR-65J100AM	GR-65J035SL	GR-65J075AK	GR-65J075ED	GR-65J035MS		GR-A2J050TI
	GR-65P150AM	GR-65J150AM	GR-65J050SL	GR-65J100AK	GR-65J100ED	GR-65J050MS		GR-A2J075TI
	GR-65P240AM	GR-65J240AM	GR-65J075SL	GR-65J150AK	GR-65J150ED	GR-65J075MS		GR-A2J100TI
✕ Compatible with GaN Device			✕ Compatible with Si/SiC Device					

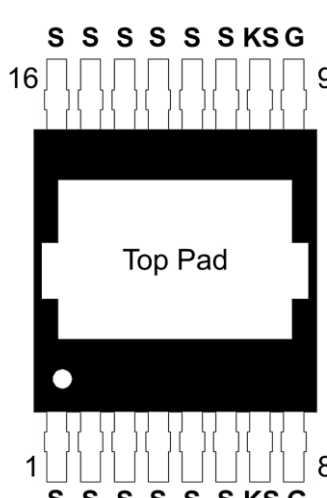
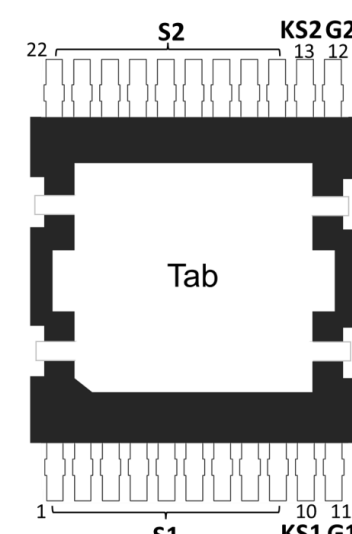
Cascode TO & THP Series

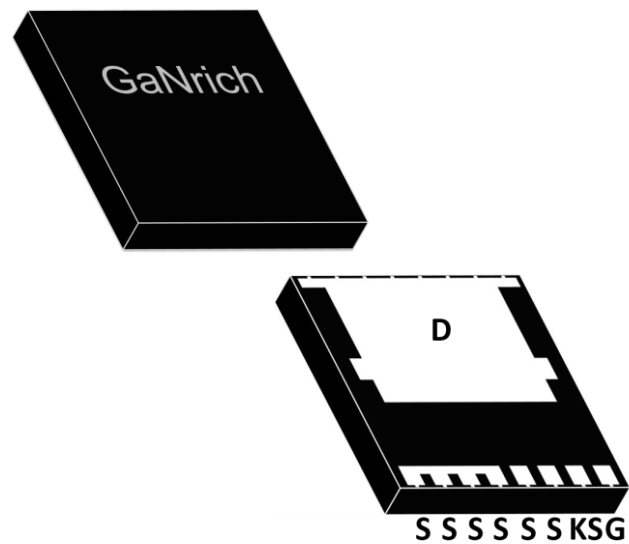
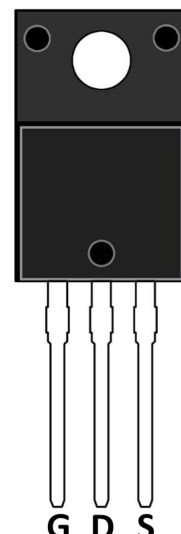
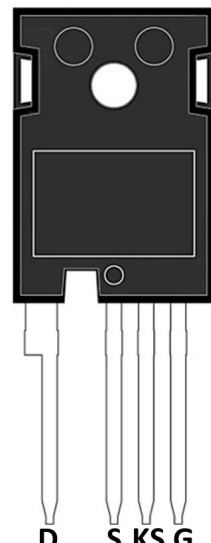
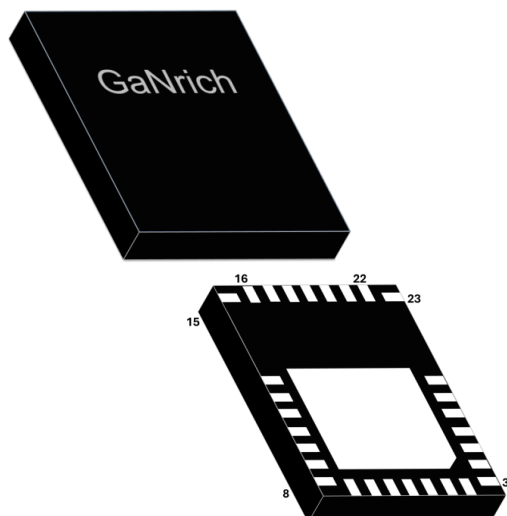
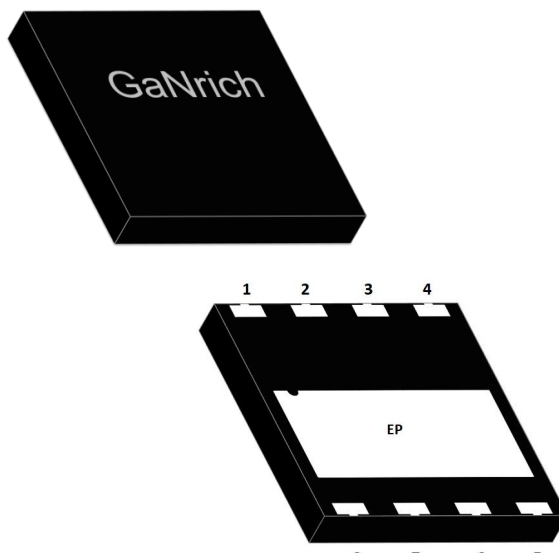
Package	TO-220F(D-tab)		TO-220F(S-tab)		IITO-220	
Pinout					Insulation Slug 	
Part-number	650V 900V		650V		650V	900V
	Vth 3.0V		Vth 1.7V	Vth 3.0V	Vth 3.0V	
	GR-65J075JF GR-65J100JF GR-65J150JF GR-65J240JF	GR-90J050JF GR-90J075JF GR-90J100JF	GR-65P075XF GR-65P100XF GR-65P150XF GR-65P240XF	GR-65J075XF GR-65J100XF GR-65J150XF GR-65J240XF	GR-65J075JZ GR-65J100JZ GR-65J150JZ GR-65J240JZ	GR-90J050JZ GR-90J075JZ GR-90J100JZ

Package	TO-252(D-tab)	TO-252(S-tab)	TO-247-3			TO-247-4		
Pinout								
Part-number	650V/ Vth 3.0V	650V/ Vth 1.7V	650V	900V	1200V	650V	900V	1200V
	GR-65J150JA GR-65J240JA	GR-65P150XA GR-65P240XA	Vth 3.0V					
		650V/ Vth 3.0V	GR-65J016JT GR-65J035JT GR-65J050JT GR-65J075JT GR-65J100JT	GR-90J035JT GR-90J050JT GR-90J075JT GR-90J100JT	GR-A2J035JT GR-A2J050JT GR-A2J075JT GR-A2J100JT	GR-65J016KT GR-65J035KT GR-65J050KT GR-65J075KT GR-65J100KT	GR-90J035KT GR-90J050KT GR-90J075KT GR-90J100KT	GR-A2J035KT GR-A2J050KT GR-A2J075KT GR-A2J100KT
		GR-65J150XA GR-65J240XA						

D-mode GaN (BDS)

650V Cascode GaN Power Stage

Package	TOLT (BDS)	QDPAK (BDS)
Pinout	 *Top Pad : Isolation to Heatsink	
Part-number	D-mode 650V	D-mode 1200V
	GR-65L100SL	GR-A2L050TI GR-A2L075TI GR-A2L100TI

Package	TOLL9 (DFN 9.9x10.5)	TO-220F	TO-247-4	6080Q (QFN 6x8)	8080L (DFN 8x8)
Pinout					
Type	P2P 3Pin GaN IC			P2P NV612X	Driver Integrated
Part-number	GR-65K075ED GR-65K100ED GR-65K120ED GR-65K170ED	GR-65K120JF GR-65K170JF	GR-65K075KT GR-65K100KT GR-65K120KT GR-65K170KT	GR-65C070CQ GR-65C125CQ GR-65C160CQ	GR-65R170AD GR-65C170AD