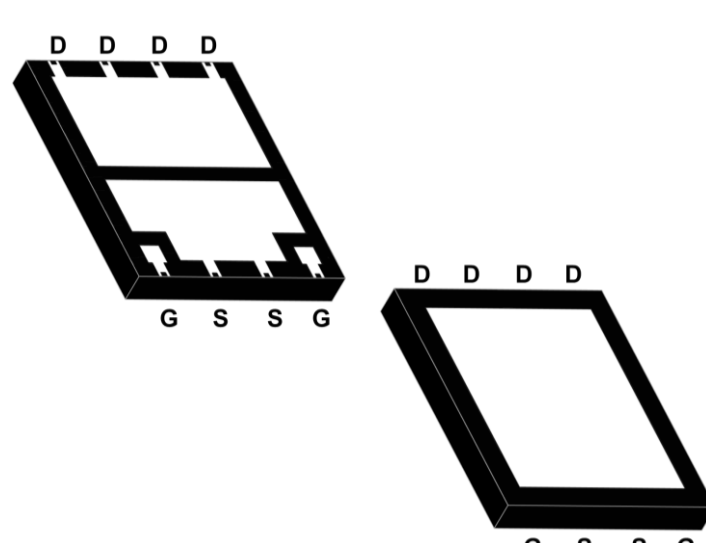
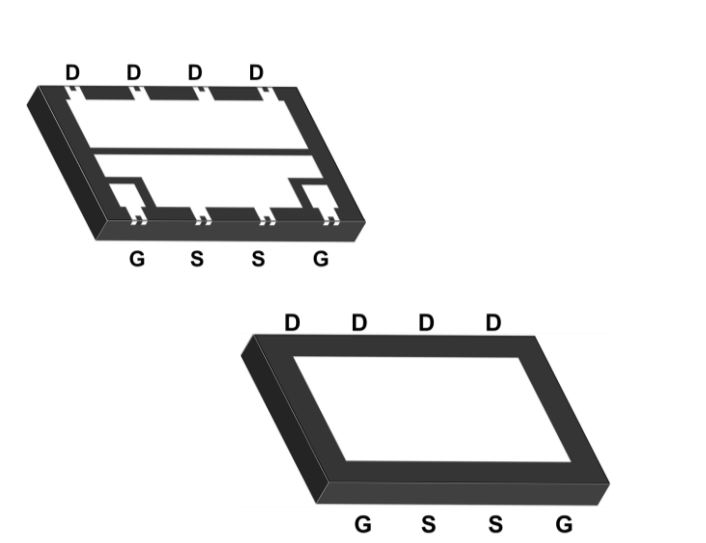
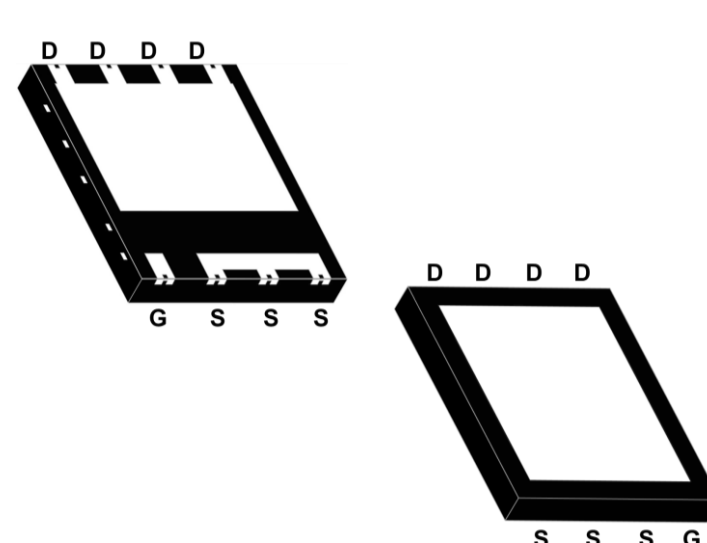
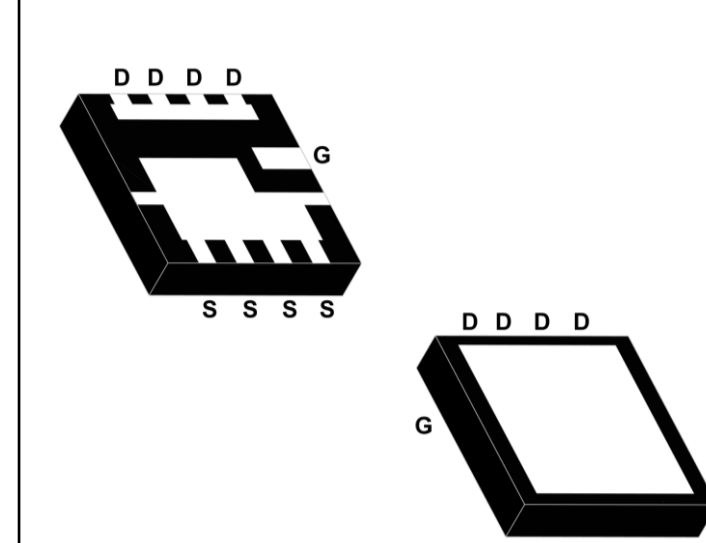
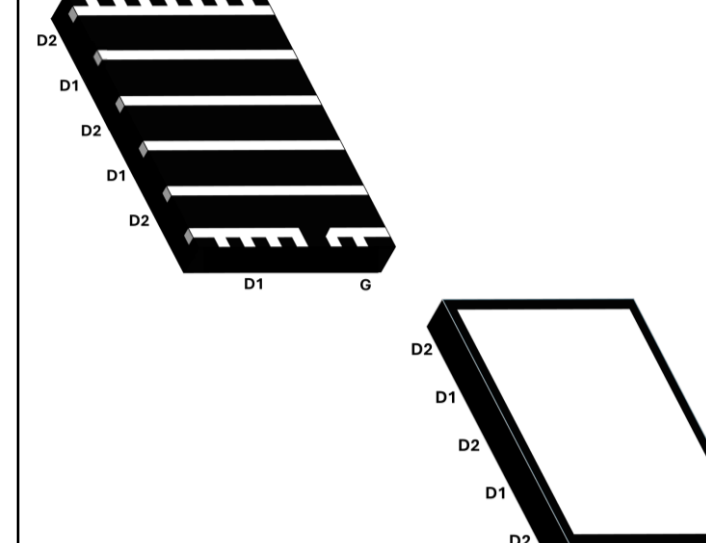


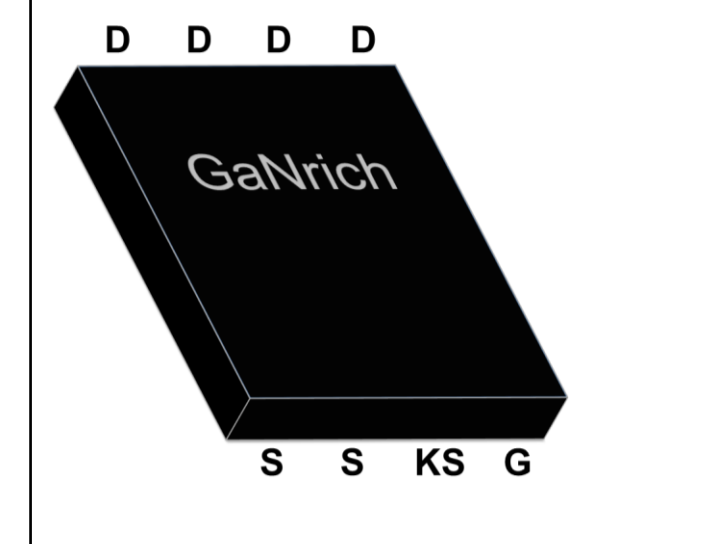
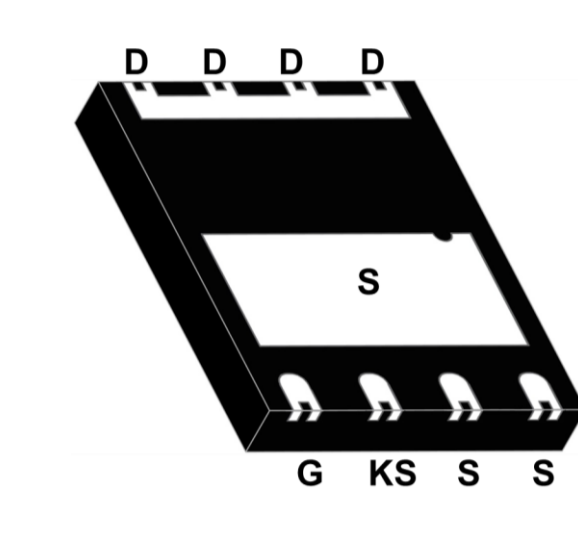
Let's GaN access to innovation!

GaNrich

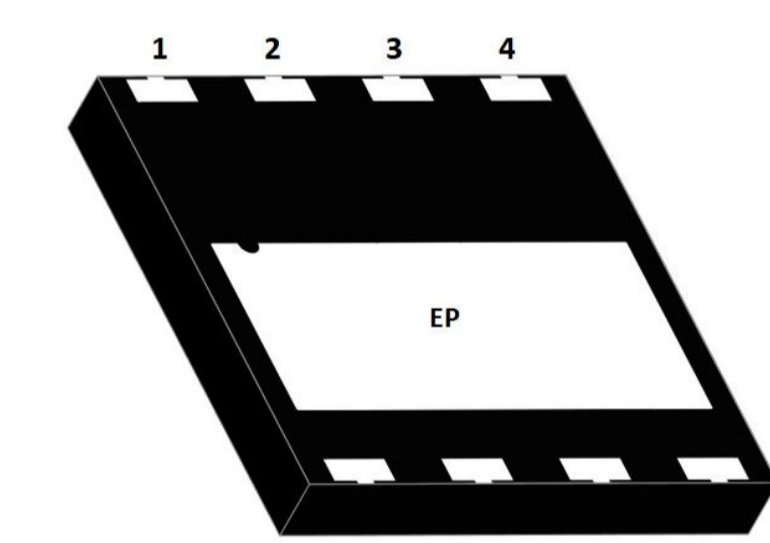
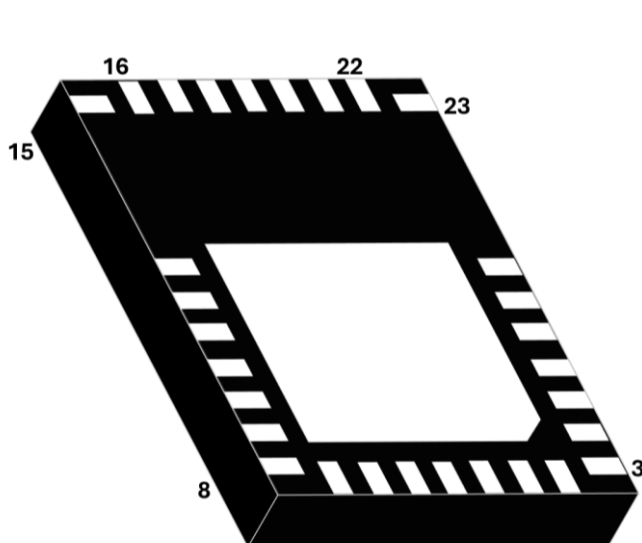
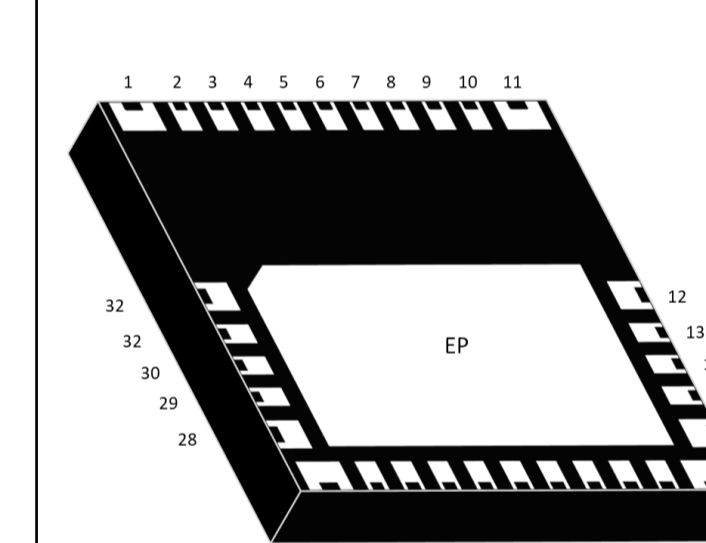
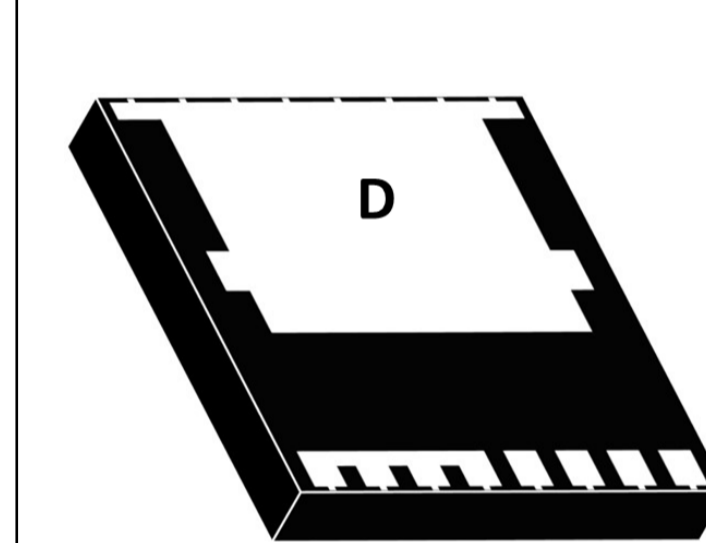
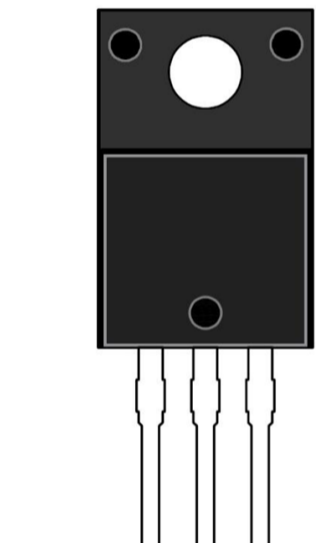
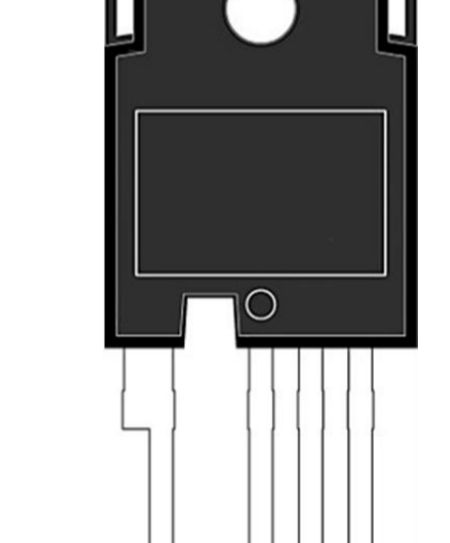
E-mode 40V-200V

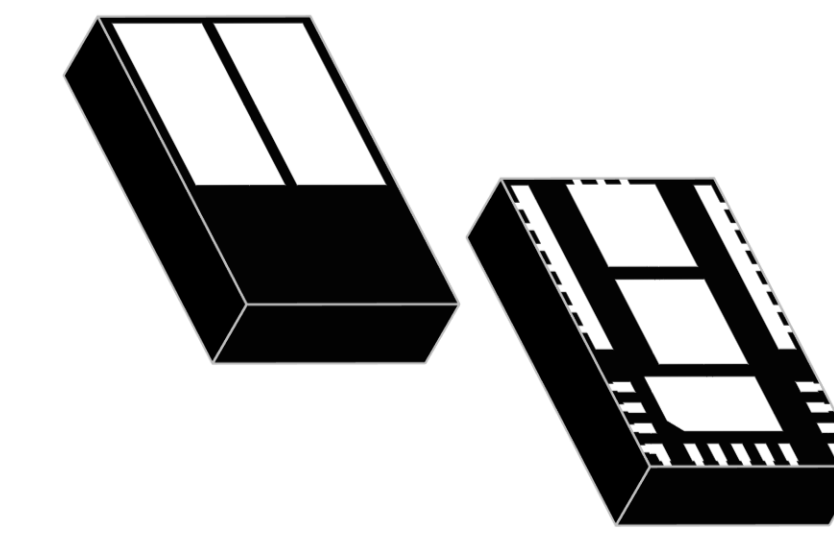
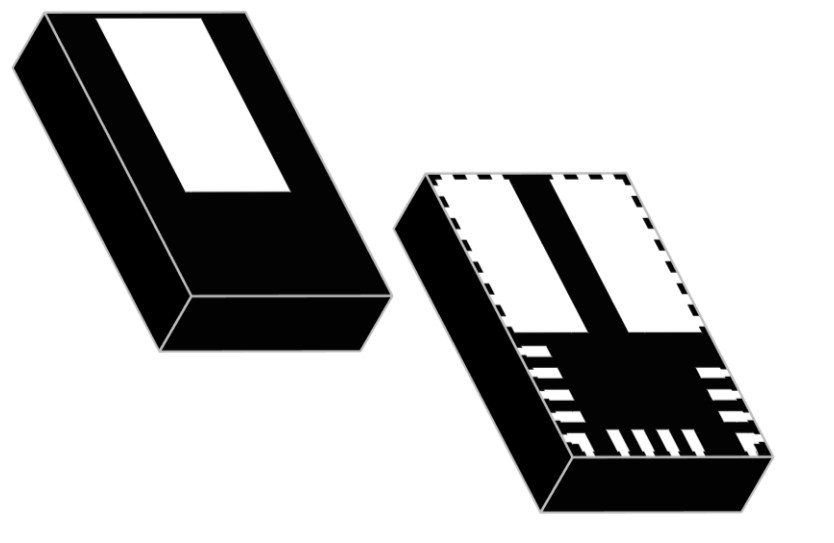
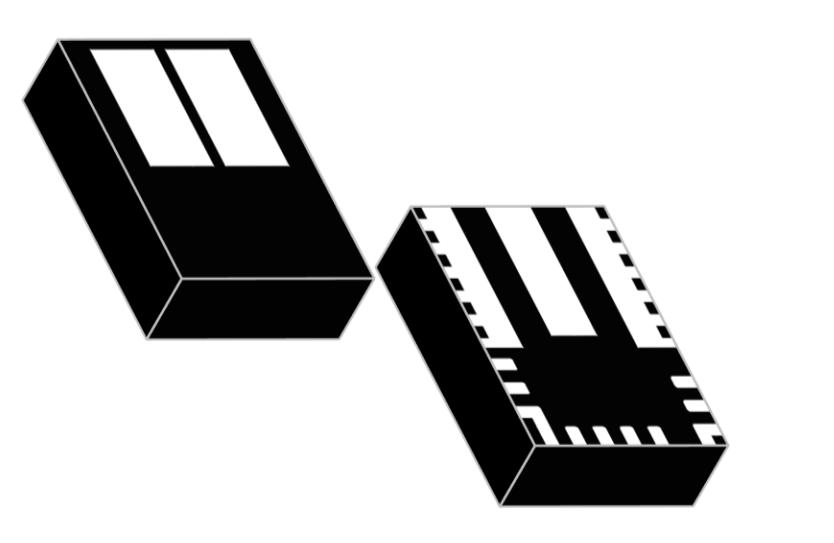
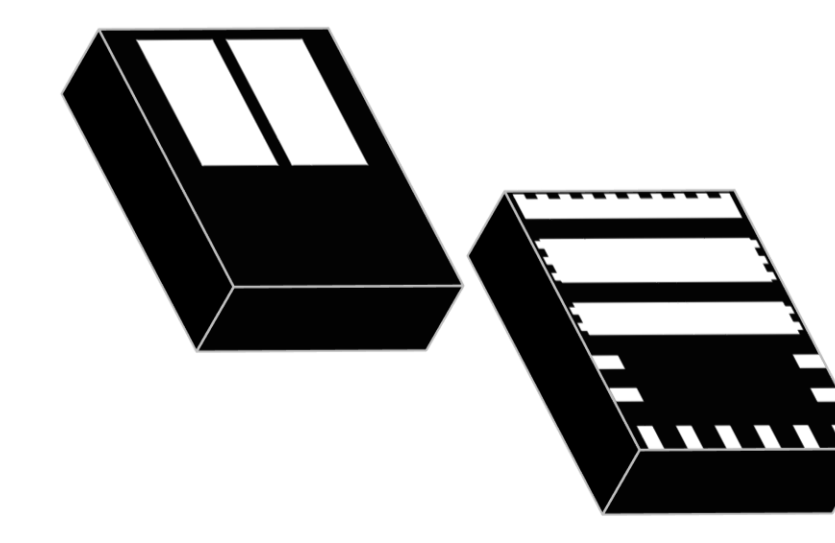
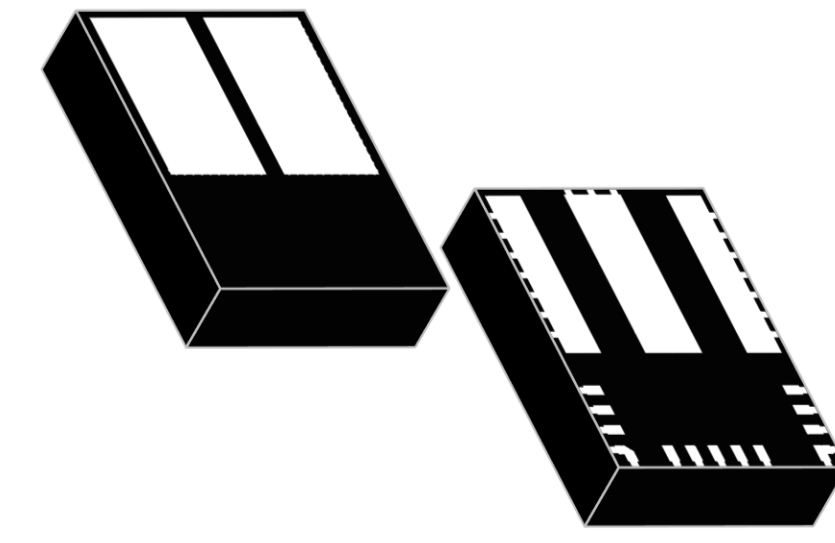
E-mode 700V

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

Package	5060E (DFN 5x6)
Pinout	 
Part-number	GR-70E100DD GR-70E150DD GR-70E240DD GR-70E350DD

Power Stage

Package	8080L (DFN 8x8)	6080Q (QFN 6x8)	8080Q (QFN 8x8)	TOLL9 (DFN 9.9x10.5)	TO-220F	TO-247-4		
Pinout								
Type (650V)	Integrated Cascode GaN	Integrated E-mode GaN	Integrated Cascode GaN P2P NV612X	Integrated E-mode GaN P2P NV612X	GaN Power Stage	P2P 3Pin GaN IC		
Part-number	GR-65R170AD GR-65C170AD	GR-65N150AD GR-65T150AD	GR-65C070CQ GR-65C125CQ GR-65C160CQ	GR-65T070CQ GR-65T125CQ GR-65T160CQ	GR-65Q170AQ GR-65Q240AQ	GR-65K075ED GR-65K100ED GR-65K120ED GR-65K170ED	GR-65K120JF GR-65K170JF	GR-65K075KT GR-65K100KT GR-65K120KT GR-65K170KT

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)
Pinout	 ※ Double Side Cooling	 ※ Double Side Cooling	 ※ Double Side Cooling	 ※ Double Side Cooling	 ※ Double Side Cooling
Type (100V)	E-mode with Integrated Driver (P2P TI LMG2100)	E-mode with Integrated Driver (P2P TI LMG3100)	E-mode with Integrated Driver (P2P EPC EPC23104)	E-mode with Integrated Driver (P2P ISG3204)	E-mode with Integrated Driver (GR HB GaN)
Part-number	GR-10X003YQ	GR-10Y002ZQ GR-10Y005ZQ	GR-10Z011FQ	GR-10W003DQ	GR-10Z003YQ

Pros of GaNrich's GaN FET



High Speed Operation with Heat / Current Capability.



Pin Compatible with any Si or GaN Device.



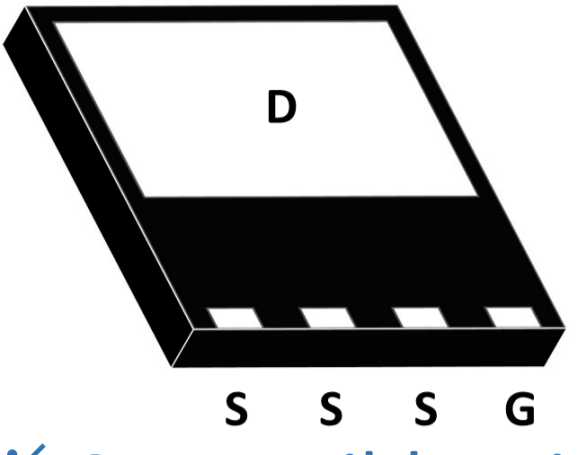
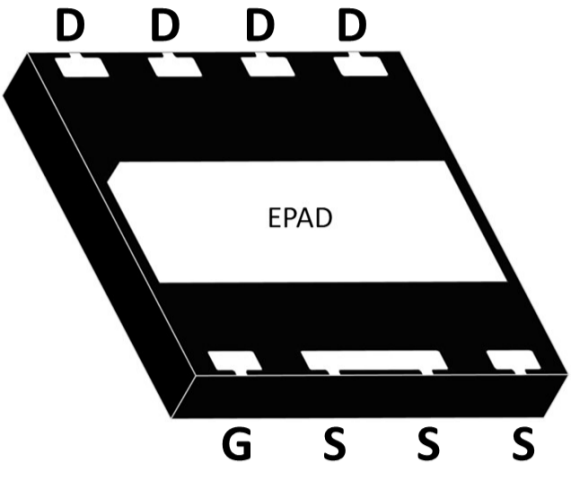
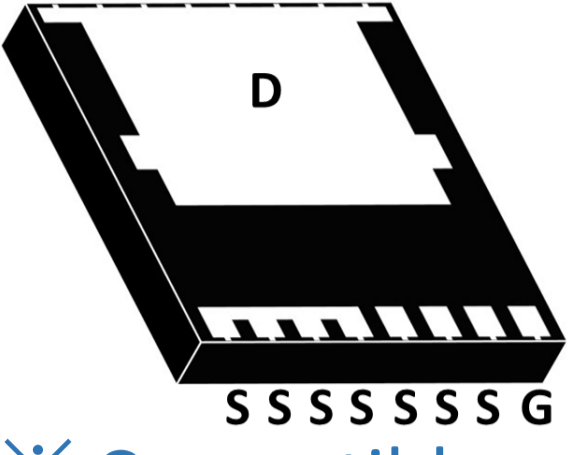
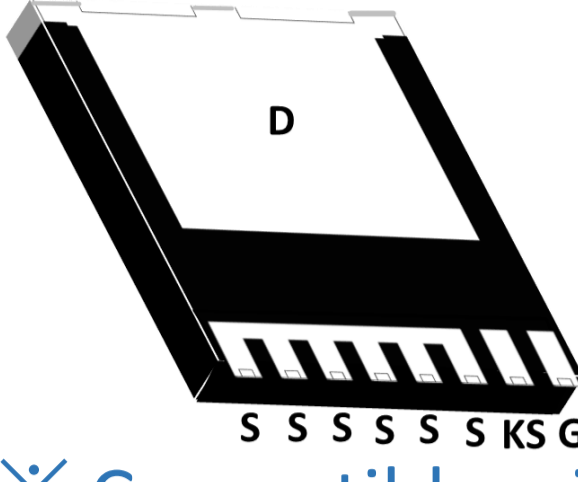
Seamless Upgrade of Performance.

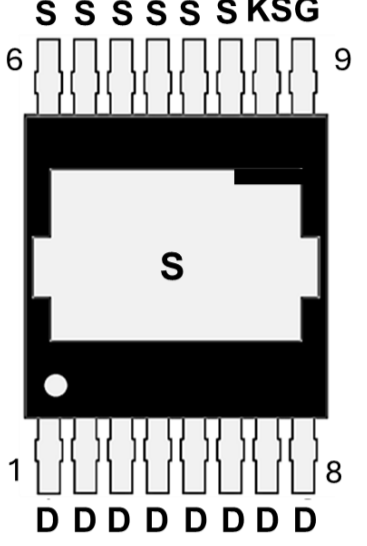
Let's GaN access to innovation!

GaNrich

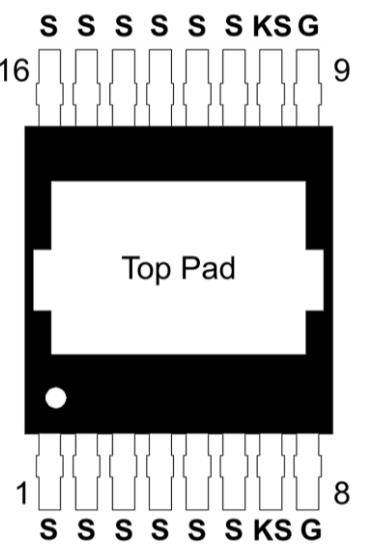
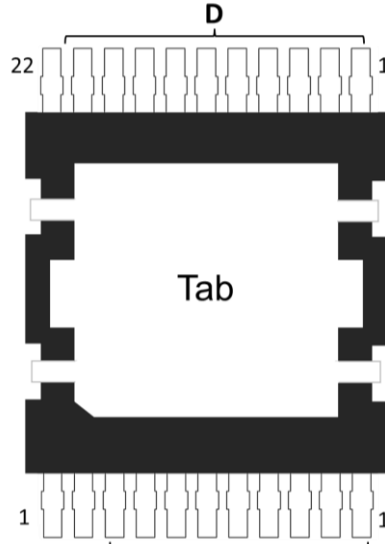
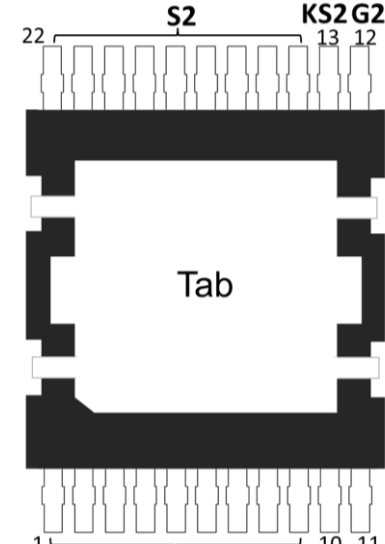
Cascode SMD 650V

TOLT

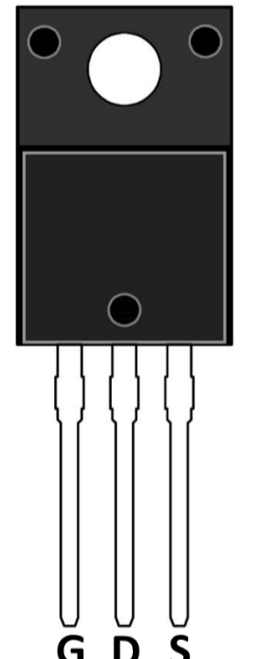
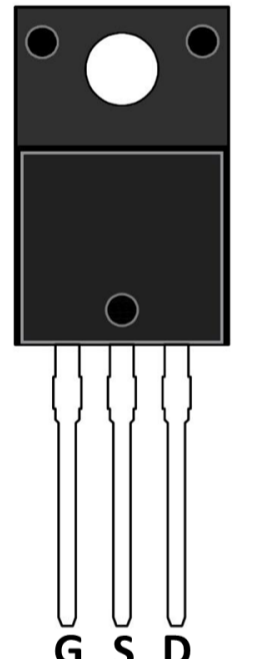
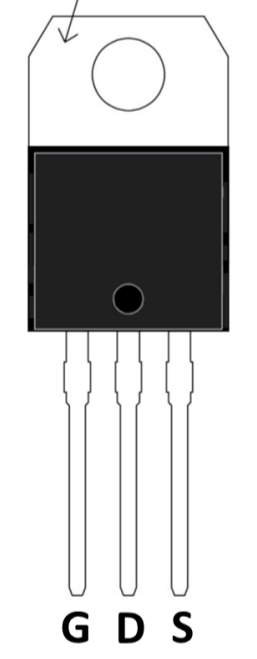
Package	8080CM (DFN 8x8)	8080M (DFN 8x8)		TOLL9 (DFN 9.9x10.5)	TOLL(MOS)
Pinout	 ※ Compatible with Si/SiC Device	 ※ Compatible with GaN Device		 ※ Compatible with Si/SiC Device	 ※ Compatible with Si/SiC Device
Part-number	Vth 3.0V	Vth 1.7V	Vth 3.0V	Vth 3.0V	Vth 3.0V
	GR-65J050AK GR-65J075AK GR-65J100AK GR-65J150AK	GR-65P075AM GR-65P100AM GR-65P150AM GR-65P240AM	GR-65J075AM GR-65J100AM GR-65J150AM GR-65J240AM	GR-65J050ED GR-65J075ED GR-65J100ED GR-65J150ED	GR-65J016MS GR-65J035MS GR-65J050MS GR-65J075MS

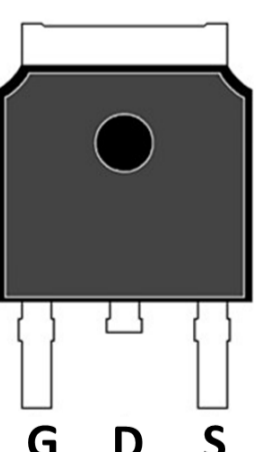
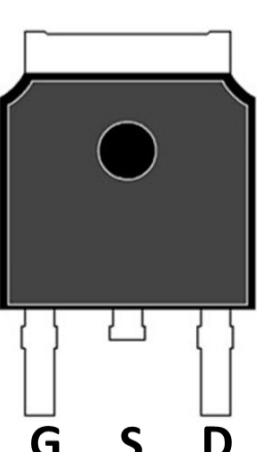
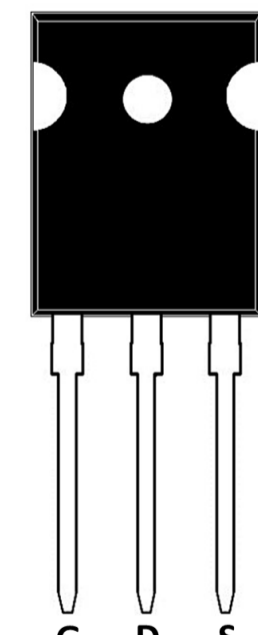
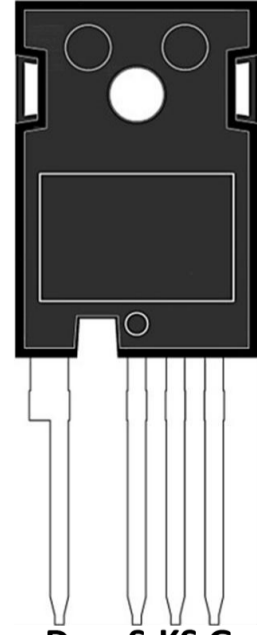
Package	TOLT (Cascode)	TOLT (E-mode)
Pinout		
Part-number	650V/Vth 3.0V	650V
	GR-65J016SL GR-65J035SL GR-65J050SL GR-65J075SL GR-65J100SL	GR-65E018SL GR-65E035SL GR-65E050SL

TOLT(BDS) & QDPAK

Package	TOLT(BDS)		QDPAK(Cascode)		QDPAK(BDS)	
Pinout	 *Top Pad : Isolation to Heatsink					
Part-number	D-mode 650V	E-mode 650V	650V	1200V	E-mode 650V	D-mode 1200V
	GR-65L100SL	GR-65M030SL GR-65M050SL GR-65M070SL GR-65M100SL	GR-65J016TI GR-65J035TI	GR-A2J035TI GR-A2J050TI GR-A2J075TI GR-A2J100TI	GR-65M030TI GR-65M050TI GR-65M070TI GR-65M100TI	GR-A2L050TI GR-A2L075TI GR-A2L100TI

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