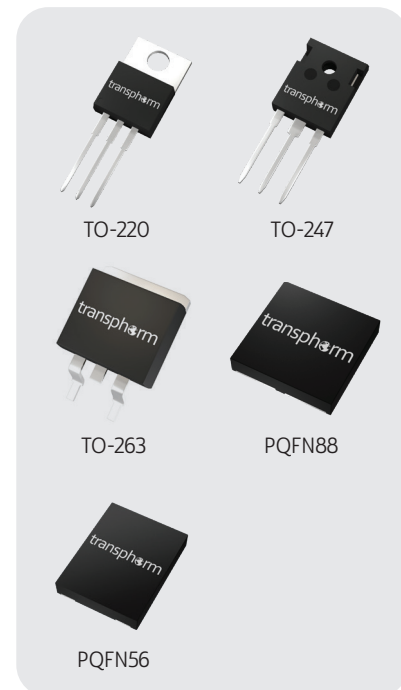


Product Portfolio



Released

Part Number	Vds (V) min	Rds(on)eff (mΩ) typ	Rds(on)eff (mΩ) max	Id (25°C) (A) max	Package	Package Variation
TP65H015G5WS	650	15	18	95	TO-247	Source
TP65H035G4WS	650	35	41	46.5	TO-247	Source
TP65H035G4WSQA	650	35	41	46.5	TO-247	Source
TP65H035WS	650	35	41	46.5	TO-247	Source
TP65H035WSQA	650	35	41	47	TO-247	Source
TP65H050G4WS	650	50	60	34	TO-247	Source
TP65H050G4BS	650	50	60	34	TO-263	Source
TP65H050WSQA	650	50	60	36	TO-247	Source
TP65H050WS	650	50	60	36	TO-247	Source
TP65H070LSG	650	72	85	25	PQFN88	Source
TP65H070LDG	650	72	85	25	PQFN88	Drain
TP65H150LSG	650	150	180	15	PQFN88	Source
TP65H300G4LSG	650	240	312	6.5	PQFN88	Source
TP65H480G4JSG	650	480	560	3.6	PQFN56	Source
TP90H050WS	900	50	63	34	TO-247	Source



Sampling

Part Number	Vds (V) min	Rds(on)eff (mΩ) typ	Rds(on)eff (mΩ) max	Id (25°C) (A) max	Package	Package Variation
TP65H150G4LSG	650	150	312	6.5	PQFN88	Source
TP65H150G4PS	650	150	180	13	TO-220	Source

GaN Value Proposition

99% Efficiency **40%** Higher Power Density **20%** Lower System Cost

Efficiency

Higher Power Density

Lower System Cost

Need for Speed

GaN operates at higher frequencies with up to 4x faster switching, lower crossover losses, and increased system efficiency

Feel the Power

GaN in a totem-pole configuration lowers component count and EMI filter size to deliver the same power in a smaller footprint

Smaller, Lighter, Cooler

Higher efficiency and increased power density means lower overall system cost

Transphorm Value Proposition



In production with Tier 1 customers with ramping volumes

- Adoption in high-voltage consumer; computing (Gaming, Cryptomining, AI); and, infrastructure and IT segments

Best-in-class quality and reliability

- First JEDEC and only 175°C AEC-Q101 qualified 650V devices available; only 900V devices available

Comprehensive product portfolio

- 4th generation of products now in the market and ramping

Manufacturing structure in place to support long-term demand

- Fujitsu foundry relationship for high volume and quality production

Long-term product, package, and automotive roadmap in place