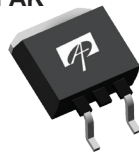




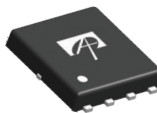
α MOS5™ HV Super Junction MOSFET for High-Efficiency High Density SMPS

- Well-balanced Super Junction Technology for Efficiency, Density and Ease-of-use
- Tunable for both Fast and Slow Switching Applications
- High UIS Ratings for Avalanche Ruggedness
- Hard Commutation Robustness

DPAK



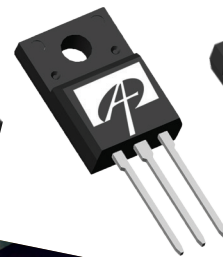
DFN 5x6



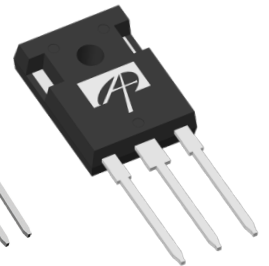
DFN 8x8



TO220F



TO-247



α MOS5™ HV
MOSFETs

Features

- Low on-state resistance with α MOS5™ HV technology
- Optimized switching performance
- Versatile device for both hard switching and soft switching
- Suppressed switching noise
- High reliability
- Easy-to-design
- DFN 5x6, DFN 8x8 and TOLL products

Applications

- Server Power Supplies
- ATX Power Supplies
- PD Universal Adapters/Chargers
- Telecom Rectifiers
- Solar Inverters
- Industrial Power (Open-frame and DIN Rail)
- EV DC Fast Charging
- Motor Drives

Product Selection Table

Part Number	V _{DS} (V)	V _{GS} (V)	R _{DS(ON)} @ 10V _{GS} (mΩ max)	Package
AOK040A60	600	20	40	TO-247
AOK042A60FD	600	20	42	TO-247
AOK095A60	600	20	95	TO-247
AOTF125A60L	600	20	125	TO-220F
AOTF160A60L	600	20	160	TO-220F
AOTF190A60CL	600	20	190	TO-220F
AOD280A60	600	20	280	TO-252
AOD380A60C	600	20	380	TO-252
AOD360A70	700	20	360	TO-252
AOD600A70R	700	20	600	TO-252
AONV210A60	600	20	210	DFN 8x8
AONV180A60	600	20	180	DFN 8x8
AONS660A70F	700	20	660	DFN 5x6F
AONS1R1A70	700	20	1100	DFN 5x6F



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