

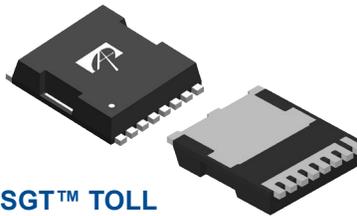


High SOA MOSFET for Hot Swap

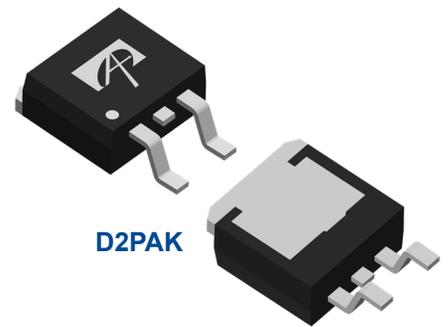
- Robust SOA
- High In-rush Current Capability
- Low On-Resistance



5mm x 6mm



AlphaSGT™ TOLL



D2PAK



LV/MV
MOSFETs

Features

- Proprietary MOSFET Technology
- High SOA
- High in-rush current capability
- Low on-resistance

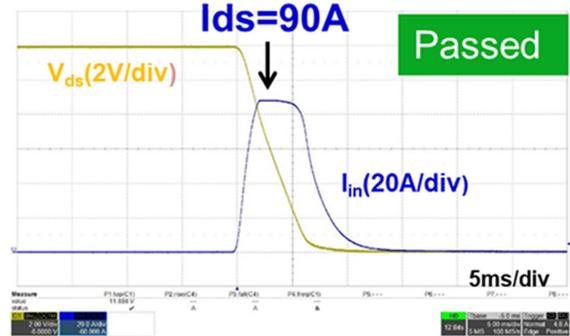
Applications

- Server
- Telecom
- eFuse
- Soft-start

Product Specification Table

Part Number	V _{DS} (V)	V _{GS} (±V)	I _D (±A)	R _{θJC} (max) (°C/W)	R _{DS(ON)} (mΩ max) @V _{GS} = 10V
AONS32100	25	20	400	0.5	0.73
AONS32310	30	20	390	0.5	1.05
AONS32311	30	20	220	0.85	1.35
AONS30300	30	20	710	0.31	0.58
AOTL66912	100	20	380	0.3	1.7
AOB66914L	100	20	120	0.4	2.7
AOB66918L	100	20	120	0.4	5.0
AOB66216L	120	20	120	0.4	4.8
AOB66518L	150	20	120	0.4	5.0
AOTL66518	150	20	214	0.3	4.3
AOTL66515	150	20	200	0.35	3.9

AONS32100
100°C at Start-up with no load, 50mF Co



AOS SALES OFFICES

UNITED STATES

475 Oakmead Pkwy
Sunnyvale, CA 94085
Phone: +1 (408) 830-9742
Email: Inquiries@aosmd.com

EUROPE

Phone: +49 7131 6446756
Email: AOSEurope@aosmd.com

JAPAN

5F, Yurakucho Building
1-10-1 Yurakucho
Chiyoda-ku
Tokyo 102-0083
Phone: +81 (3) 6826-1401
Email: AOSJapan@aosmd.com

SOUTH KOREA

10th Floor, Bandi Building
Bongeunsa-ro 114
Gangnam-gu
Seoul 135-907
Phone: +82 (2) 557-8501
Email: AOSKorea@aosmd.com

TAIWAN

9/F, No. 292 Yangguang Street
Neihu District
Taipei City 11491
Phone: +886 (2) 8751-5616
Email: AOSTaiwan@aosmd.com

HONG KONG

Room 701, Tesbury Center
28 Queen's Road East
Wanchai
Phone: +86 (755) 8351-7733
Email: AOSChina@aosmd.com

CHINA

SHENZHEN

East 8/F, Matsunichi Building
#9996 Shennan Blvd.
Shenzhen 518057
Phone: +86 (755) 8351-7733
Email: AOSChina@aosmd.com

SHANGHAI

Room 1002-1005, Tower 1
Kerry EverBright City
218 Tianmu West Road
Shanghai 200070
Phone: +86 (21) 6353-3218
Email: AOSChina@aosmd.com

To contact any of our sales partners worldwide, please visit our website at:
www.aosmd.com/contact

Alpha and Omega Semiconductor Limited, or AOS, is a designer, developer and global supplier of a broad range of power semiconductor products. AOS's products are aimed at, but not limited to applications such as portable computers, flat panel TVs, LED lighting, smart phones, battery backs, consumer and industrial motor controls, automotive electronics, and power supplies for TVs, computers, servers and telecommunication equipment.



Powering a Greener Future™