

POWER MOSFETS

SINGLE N-CANNEL MOSFETs 30V to 60V (CONT.)

Mfg. Part No.	Vds	Id	VGS(th)	Rds(on)	Stock No.	Tape Cut 1-24+
SOT-223						
● IRFL014TRPBF	60V	2.7A	2V	0.2 ohm @ 10 V	69W7151	---
SOT-23						
● SI2300DS-T1-GE3	30V	3.6A	600mV	0.055 ohm @ 4.5 V	69W7184	0.39
● SI2318DS-T1-GE3	40V	3A	3V	36 mohm @ 10 V	84R8029	0.50
● SI2308DS-T1-GE3	60V	2A	3V	125 mohm @ 10 V	84R8024	0.34
● SI2308BDS-T1-E3	60V	2.3A	1V	0.13 ohm @ 10 V	69W7187	0.48
SOT-323						
● SI1330EDL-T1-E3	60V	240mA	2V	1 ohm @ 10 V	69W7174	---
TO-220AB						
● IRFZ14PBF	60V	10A	2V	0.2 ohm @ 10 V	63J7108	0.96
TO-236						
● SI2304BDS-T1-GE3	30V	3.2A	3V	105 mohm @ 20 V	16P3704	0.16
● SI2306BDS-T1-GE3	30V	4A	3V	65 mohm @ 20 V	16P3706	0.14
● SI2316BDS-T1-GE3	30V	4.5A	3V	80 mohm @ 20 V	16P3710	---
● SI2308BDS-T1-GE3	60V	2.3A	3V	0.13 ohm @ 20 V	16P3708	0.20
TO-252						
● SUD50N04-8M8P-GE3	40V	50A	3V	0.0069 ohm @ 20 V	16P3890	---
● SUD23N06-31-GE3	60V	9.1A	3V	45 mohm @ 20 V	16P3889	0.93
● SUD23N06-31L-E3	60V	23A	2V	0.025 ohm @ 10 V	06J8438	---
TO-263						
● SUM11N06-3M9H-E3	60V	110A	3.4V	0.00325 ohm @ 10 V	69W7247	---
TSOP						
● SI3424BDV-T1-GE3	30V	7A	3V	23 mohm @ 10 V	84R8033	---
● SI3458BDV-T1-GE3	60V	3.2A	3V	82 mohm @ 10 V	84R8039	---

PIM_168148

SILICON CARBIDE (SiC) POWER MOSFETs

Features

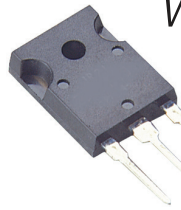
- N-Channel Enhancement Mode
- Industry Leading RDS(on)
- High Speed Switching
- Low Capacitances
- Easy to Parallel
- Simple to Drive

Benefits

- Higher System Efficiency
- Reduced Cooling Requirements
- Avalanche Ruggedness
- Increased System Switching Frequency

Applications

- Solar Inverters



- High Voltage DC/DC Converters
- Motor Drives

Mfg. Part No.	Packaging	Id	Vds	Rds(on)	VGS(th)	Stock No.	Price Each 1-49+
N Channel							
● C2M1000170D	TO-247-3	4.9A	1.7kV	0.95ohm	2.4V	08X1011	---
● C2M0160120D	TO-247-3	17.7A	1.2kV	0.16ohm	2.5V	08X3830	8.33
● CMF10120D	TO-247-3	24A	1.2kV	0.16ohm	2.4V	46T8852	---
● C2M0080120D	TO-247-3	31.6A	1.2kV	0.08ohm	3.2V	67W3046	---

PIM_192344

N CHANNEL POWER MOSFETs



ON Semiconductor



SOIC

TO-252

Mfg. Part No.	Vds	Id	VGS(th)	Rds(on)	Stock No.	Price Each 1-9+
ChipFET						
● NTHS5404T1G	20V	5.2A	600mV	25 mohm @ 4.5 V	98H0963	---
DFN						
● NTMFS4897NFT1G	30V	171A	2V	1.3 mohm @ 10 V	73R4092	0.96
● NTMFS4833NT1G	30V	191A	1.5V	0.0013 ohm @ 10 V	09R9666	0.25
● NTMFS4833NT3G	30V	191A	1.5V	2 mohm @ 10 V	09R9667	---
● NTMFS5832NLT1G	40V	20A	3V	0.0031 ohm @ 10 V	52T8335	0.41
SC-88						
● NTJS3157NT1G	20V	4A	400mV	60 mohm @ 4.5 V	10N9724	---
SOIC						
● NTMFS4899NFT1G	30V	75A	1.5V	5 mohm @ 10 V	78R7502	0.51

N CHANNEL POWER MOSFETs (CONT.)

Mfg. Part No.	Vds	Id	VGS(th)	Rds(on)	Stock No.	Price Each 1-9+
SOT-223						
● NTF3055L108T1G	60V	3A	1.68V	0.092 ohm @ 5 V	10P1660	0.61
● NTF3055-100T1G	60V	3A	3V	0.088 ohm @ 10 V	10N9573	0.63
SOT-23						
● NTR4501NT1G	20V	3.2A	1.2V	80 mohm @ 4.5 V	06R3476	0.42
TO-220						
● NTP6413ANG	100V	42A	4V	25.6 mohm @ 10 V	63R4590	1.57
● NTP6412ANG	100V	58A	4V	16.8 mohm @ 10 V	63R4589	---
● NTP6410ANG	100V	76A	4V	11 mohm @ 10 V	71R6722	2.13
● NDF05N50ZG	500V	5A	4.5V	1.25 ohm @ 10 V	71R6685	---
TO-247						
● MTW32N20EG	200V	32A	4V	75 mohm @ 10 V	26K4667	---
TO-251						
● NTD4813N-35G	30V	40A	2.5V	13 mohm @ 10 V	27M2724	---
TO-252						
● NTD20N03L2T4G	20V	20A	1.6V	0.023 ohm @ 5 V	10N9715	0.29
● NTD110N02RT4G	24V	110A	1.5V	4.1 mohm @ 10 V	10N9713	---
● NTD4863N-1G	25V	8.6A	2.5V	10.2 mohm @ 10 V	75M5213	---
● NTD4858N-1G	25V	13.6A	2.5V	6.2 mohm @ 10 V	75M5207	---
● NTD14N03RT4G	25V	14A	1.5V	95 mohm @ 10 V	09R9638	0.17
● NTD4855N-1G	25V	17.7A	2.5V	4.3 mohm @ 10 V	75M5198	---
● NTD4808N-1G	30V	63A	2.5V	8 mohm @ 10 V	27M2715	---
● NTD5802NT4G	40V	101A	3.5V	4.4 mohm @ 10 V	13P5605	0.37
● NTD3055L170T4G	60V	9A	1.7V	153 mohm @ 5 V	09R9641	---
● NTD3055-150T4G	60V	9A	3V	150 mohm @ 10 V	10N9571	---
● NID6002NT4G	60V	11A	1.85V	210 mohm @ 10 V	09R9604	---
● NTD3055L104T4G	60V	12A	1.6V	0.089 ohm @ 5 V	26K5099	0.59
● NTD3055L104-1G	60V	12A	2V	104 mohm @ 5 V	45J2116	---
● NTD3055-094T4G	60V	12A	2.9V	0.084 ohm @ 10 V	71J7043	0.58
● NTD18N06LT4G	60V	18A	1.8V	54 mohm @ 5 V	09R9639	---
● NTD20N06LT4G	60V	20A	1.6V	39 mohm @ 5 V	10N9716	0.89
● NTD20N06T4G	60V	20A	2.91V	37.5 mohm @ 10 V	09R9640	0.89
● NTD24N06LT4G	60V	24A	1.7V	0.036 ohm @ 5 V	10N9717	0.88
● NTD6414ANT4G	100V	32A	4V	30 mohm @ 10 V	63R4580	---
● NDD05N50ZT4G	500V	4.7A	4.5V	1.25 ohm @ 10 V	63R4558	---
TO-263						
● NTB45N06LT4G	60V	45A	1.8V	23 mohm @ 5 V	10N9711	---
● NTB45N06T4G	60V	45A	2.8V	26 mohm @ 10 V	10N9712	---
● NTB6413ANT4G	100V	42A	4V	25.6 mohm @ 10 V	63R4576	0.93
● NTB35N15T4G	150V	37A	2.9V	50 mohm @ 10 V	45J2088	---
TO-3P						
● NDLT03N150CG	1.5kV	2.5A	4V	8 ohm @ 10 V	11X3629	2.19
TO-3PF						
● NDUL03N150CG	1.5kV	2.5A	4V	8 ohm @ 10 V	11X3630	---
TSOP						
● NTGS3446T1G	20V	5.1A	850mV	45 mohm @ 4.5 V	04M7521	0.10
WDFN						
● NTLJS414NT1G	30V	7.8A	550mV	0.0203 ohm @ 4.5 V	10N9582	---
● NTTF54824NTAG	30V	20.6A	1.9V	3.7 mohm @ 10 V	08R4035	---

PIM_116722

N-CHANNEL TRENCH MOSFETs



SOT-669



SOT-23

Features

- Low on-state resistance
- Wide package range
- Suitable for a wide range of applications
- Low figure of merit

Mfg. Part No.	Id	Vds	Rds(on)	VGS(th)	Stock No.	Tape Cut 1-24+
N Channel, SOIC						
● PHK12N0Q3LT,518	11.8A	30V	8.9mohm	2V	79R1989	---
● PHK5N0Q15T,518	5A	150V	56mohm	3V	79R1994	---
N Channel, SOT-223						
● PHT4N0Q10T,135	1.75A	100V	0.2ohm	3V	79R1996	---
● PHT6N0Q10T,135	6.5A	100V	0.057ohm	3V	79R1997	---

▶ CONTINUED ▶

▶ CONTINUED ▶