

INFINEON Power MOSFETs



N-CHANNEL MOSFETs - OPTIMOS®

This product is RoHS compliant.

Infineon's new OptiMOS®2 and OptiMOS®3 are a combination of the lowest available on-state resistance in comparable packages and lowest gate drive requirements. OptiMOS®3 30V MOSFETs feature excellent switching performance, they help to increase power density in the application and consequently they save energy.

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package Type	V _{DS} (Max.)	R _{DS} (ON)	I _D (Max.)	I _{dpuls} (Max.)	P _{tot} (Max.)	V _{GS(th)} (Min.)	V _{GS(th)} (Max.)	Q _G (Typ.)	R _{thJC} (Max.)	Price Each			
												1	10	100	500
726-IPDH4N03LAG	IPDH4N03LA G	TO252-3	25 V	4.2	90 A	360 A	94 W	1.2 V	2.0 V	19 nC	1.6 K/W				
726-IPP05N03LA	IPP05N03LA	TO220-3	25 V	4.9	80 A	385 A	94 W	1.2 V	2.0 V	19 nC	1.6 K/W				
726-IPD06N03LAG	IPD06N03LA G	TO252-3	25 V	5.7	50 A	350 A	83 W	1.2 V	2.0 V	17 nC	1.8 K/W				
726-IPBH6N03LAG	IPBH6N03LA G	TO263-3	25 V	6.2	50 A	350 A	71 W	1.2 V	2.0 V	14 nC	2.1 K/W				
726-IPB034N03LG	IPB034N03L G	TO263-3	30 V	3.4	80 A	400 A	94W	1.0 V	2.2 V	25 nC	1.6 K/W				
726-BSC100N03LSG	BSC100N03LS G	TDSON-8	30 V	10	44 A	176 A	30 W	1.0 V	2.2 V	6 nC	4.2 K/W				
726-BSC100N03MSG	BSC100N03MS G	TDSON-8	30 V	10	44 A	176 A	30 W	1.0 V	2.0 V	17 nC	4.1 K/W				
726-BSZ100N03LSG	BSZ100N03LS G	TSDSO-8	30 V	10	40 A	160 A	30 W	1.0 V	2.2 V	13 nC	4.1 K/W				
726-BSZ100N03MSG	BSZ100N03MS G	TSDSO-8	30 V	10	40 A	160 A	30 W	1.0 V	2.0 V	8.3 nC	4.1 K/W				
726-BSO119N03S	BSO119N03S	DSO-8	30 V	11.9	11.9 A	44 A	2.5 W	1.2 V	2.0 V	10 nC	--				
726-BSC120N03LSG	BSC120N03LS G	TDSON-8	30 V	12	39 A	156 A	28 W	1.0 V	2.2 V	5 nC	4.5 K/W				
726-BSC120N03MSG	BSC120N03MS G	TDSON-8	30 V	12	39 A	156 A	28 W	1.0 V	2.0 V	15 nC	4.5 K/W				
726-IPB13N03LGB	IPB13N03LB G	TO263-3	30 V	12.5	30 A	120 A	52 W	1.2 V	2.0 V	8 nC	2.9 K/W				
726-BSZ130N03LSG	BSZ130N03LS G	TSDSO-8	30 V	13	35 A	140 A	25 W	1.0 V	2.2 V	5 nC	5 K/W				
726-BSZ130N03MSG	BSZ130N03MS G	TSDSO-8	30 V	13	35 A	140 A	25 W	1.0 V	2.0 V	6.1 nC	5 K/W				
726-IPS135N03LG	IPS135N03L G	TO251-3	30 V	13.5	30 A	210 A	31 W	1.0 V	2.2 V	4.8 nC	4.9 K/W				
726-IPD135N03LG	IPD135N03L G	TO252-3	30 V	13.5	30 A	210 A	31 W	1.0 V	2.2 V	4.8 nC	4.9 K/W				
726-BSO150N03	BSO150N03	DSO-8	30 V	15	9.1 A	36 A	2 W	1.2 V	2.0 V	11 nC	--				
726-BSC020N03LSG	BSC020N03LS G	TDSON-8	30 V	2	100 A	400 A	96 W	1.0 V	2.2 V	34 nC	1.3 K/W				
726-BSO200N03	BSO150N03	DSO-8	30 V	20	7.9 A	32 A	2 W	1.2 V	2.0 V	6 nC	--				
726-BSO200N03SG	BSO200N03S	DSO-8	30 V	20	8.8 A	32 A	2.5 W	1.2 V	2.0 V	6 nC	--				
726-IPD031N03LG	IPD031N03L G	TO252-3	30 V	3.1	90 A	400 A	94 W	1.0 V	2.2 V	25 nC	1.6 K/W				
726-BSC032N03SG	BSC032N03S G	TDSON-8	30 V	3.2	100 A	200 A	78 W	1.2 V	2.0 V	29 nC	1.6 K/W				
726-BSO300N03S	BSO300N03S	DSO-8	30 V	30	7.2 A	29 A	2.5 W	1.2 V	2.0 V	3.5 nC	--				
726-BSO350N03	BSO350N03	DSO-8	30 V	35	6 A	24 A	2 W	1.2 V	2.0 V	2.8 nC	--				
726-IPS040N03LG	IPS040N03L G	TO251-3	30 V	4	90 A	400 A	79 W	1.0 V	2.2 V	18.2 nC	1.9 K/W				
726-IPD040N03LG	IPD040N03L G	TO252-3	30 V	4	90 A	400 A	79 W	1.0 V	2.2 V	18.2 nC	1.9 K/W				
726-IPD04N03LGB	IPD04N03LB G	TO252-3	30 V	4.1	50 A	200 A	115 W	1.2 V	2.0 V	30 nC	1.3 K/W				
726-BSC042N03MSG	BSC042N03MS G	TDSON-8	30 V	4.2	93 A	372 A	57 mW	1.0 V	2.0 V	20 nC	2.2 K/W				
726-BSC042N03SG	BSC042N03S G	TDSON-8	30 V	4.2	95 A	200 A	62.5 W	1.2 V	2.0 V	21 nC	2 K/W				
726-IPP042N03LG	IPP042N03L G	TO220-3	30 V	4.2	80 A	320 A	79 W	1.0 V	2.2 V	18 nC	1.9 K/W				
726-BSC050N03LSG	BSC050N03LS G	TDSON-8	30 V	5	79 A	316 A	48 W	1.0 V	2.2 V	13 nC	2.6 K/W				
726-BSC050N03MSG	BSC050N03MS G	TDSON-8	30 V	5	80 A	320 A	50 W	1.0 V	2.0 V	17 nC	2.5 K/W				
726-IPD050N03LG	IPD050N03L G	TO252-3	30 V	5	50 A	350 A	68 W	1.0 V	2.2 V	15 nC	2.2 K/W				
726-BSZ050N03LSG	BSZ050N03LS G	TSDSO-8	30 V	5	40 A	160 A	50 W	1.0 V	2.2 V	13 nC	2.5 K/W				
726-BSZ050N03MSG	BSZ050N03MS G	TSDSO-8	30 V	5	40 A	160 A	48 W	1.0 V	2.0 V	34 nC	2.5 K/W				
726-BSO052N03S	BSO052N03S	DSO-8	30 V	5.2	17 A	68 A	2.5 mW	1.2 V	2.0 V	32 nC	--				
726-IPP05N03LGB	IPP05N03LB G	TO220-3	30 V	5.3	80 A	320 A	94 W	1.2 V	2.0 V	19 nC	1.6 K/W				
726-BSC059N03SG	BSC059N03S G	TDSON-8	30 V	5.5	73 A	200 A	48 W	1.2 V	2.0 V	15 nC	2.6 K/W				
726-BSC057N03LSG	BSC057N03LS G	TDSON-8	30 V	5.7	71 A	284 A	45 W	1.0 V	2.2 V	11 nC	2.8 K/W				
726-BSC057N03MSG	BSC057N03MS G	TDSON-8	30 V	5.7	71 A	284 A	45 W	1.0 V	2.0 V	14 nC	2.8 K/W				
726-BSZ058N03LSG	BSZ058N03LS G	TSDSO-8	30 V	5.8	40 A	160 A	45 W	1.0 V	2.2 V	22 nC	2.8 K/W				
726-BSZ058N03MSG	BSZ058N03MS G	TSDSO-8	30 V	5.8	40 A	160 A	45 W	1.0 V	2.0 V	14 nC	2.8 K/W				
726-IPS060N03LG	IPS060N03L G	TO251-3	30 V	6	50 A	350 A	56 W	1.0 V	2.2 V	11.3 nC	2.7 K/W				
726-IPU060N03LG	IPU060N03L G	TO251-3	30 V	6	50 A	350 A	56 W	1.0 V	2.2 V	11.3 nC	2.7 K/W				
726-IPD060N03LG	IPD060N03L G	TO252-3	30 V	6	50 A	350 A	56 W	1.0 V	2.2 V	11.3 nC	2.7 K/W				
726-IPD06N03LGB	IPD06N03LB G	TO252-3	30 V	6.1	50 A	200 A	83 W	1.2 V	2.0 V	16 nC	1.8 K/W				
726-BSO072N03S	BSO072N03S	DSO-8	30 V	6.8	15 A	60 A	2.5 W	1.2 V	2.0 V	19 nC	--				
726-IPD075N03LG	IPD075N03L G	TO252-3	30 V	7.5	50 A	350 A	47 W	1.0 V	2.2 V	8.7 nC	3.2 K/W				
726-BSC079N03SG	BSC079N03S G	TDSON-8	30 V	7.9	40 A	160 A	60 W	1.2 V	2.0 V	13 nC	2.1 K/W				
726-BSC080N03LSG	BSC080N03LS G	TDSON-8	30 V	8	52 A	208 A	34 W	1.0 V	2.2 V	7 nC	3.7 K/W				
726-BSC080N03MSG	BSC080N03MS G	TDSON-8	30 V	8	53 A	212 A	35 W	1.0 V	2.0 V	9.9 nC	3.6 K/W				
726-BSZ088N03LSG	BSZ088N03LS G	TSDSO-8	30 V	8.8	40 A	160 A	35 W	1.0 V	2.2 V	16 nC	3.6 K/W				
726-BSZ088N03MSG	BSZ088N03MS G	TSDSO-8	30 V	8.8	40 A	160 A	35 W	1.0 V	2.0 V	9.9 nC	3.6 K/W				
726-BSC090N03LSG	BSC090N03LS G	TDSON-8	30 V	9	47 A	188 A	31 W	1.0 V	2.2 V	7 nC	4 K/W				
726-BSC090N03MSG	BSC090N03MS G	TDSON-8	30 V	9	48 A	192 A	32 W	1.0 V	2.0 V	18 nC	3.9 K/W				
726-IPS090N03LG	IPS090N03L G	TO251-3	30 V	9	40 A	280 A	42 W	1.0 V	2.2 V	7.4 nC	3.6 K/W				
726-IPD090N03LG	IPD090N03L G	TO252-3	30 V	9	40 A	280 A	42 W	1.0 V	2.2 V	7.4 nC	3.6 K/W				
726-IPD105N04LG	IPD105N04L G	TO252-3	40 V	10.5	40 A	280 A	42 W	1.2 V	2.0 V	18 nC	3.6 K/W				
726-IPB80N04S304	IPB80N04S3-04	TO263-3	40 V	3.8	80 A	320 A	136 W	2.1 V	4.0 V	60 nC	1.1 K/W				
726-BSC050N04LSG	BSC050N04LS G	TDSON-8	40 V	5	85 A	340 A	57 W	1.2 V	2.0 V	36 nC	2.2 K/W				
726-IPD088N04LG	IPD088N04L G	TO252-3	40 V	8.8	50 A	350 A	47 W	1.2 V	2.0 V	20.7 nC	3.2 K/W				
726-IPP110N06LG	IPP110N06L G	TO220-3	60 V	11.3	78 A	312 A	158 W	1.2 V	2.0 V	59 nC	0.95 K/W				
726-IPP120N06NG	IPP120N06N G	TO220-3	60 V	12	75 A	300 A	158 W	1.2 V	2.0 V	46 nC	1 K/W				
726-IPB048N06LG	IPB048N06L G	TO263-3	60 V	4.4	100 A	400 A	--	1.2 V	2.0 V	169 nC	0.5 K/W				
726-IPP048N06LG	IPP048N06L G	TO220-3	60 V	4.7	100 A	400 A	300 W	1.2 V	2.0 V	169 nC	0.5 K/W				
726-IPB050N06NG	IPB050N06N G	TO263-3	60 V	4.7	100 A	400 A	--	2.1 V	4.0 V	126 nC	0.5 K/W				
726-IPP050N06NG	IPP050N06N G	TO220-3	60 V	5	100 A	400 A	300 W	2.1 V	4.0 V	126 nC	0.5 K/W				
726-IPD640N06LG	IPD640N06L G	TO252-3	60 V	64	18 A	72 A	47 mW	1.2 V	2.0 V	10 nC	3.2 K/W				
726-IPP070N06LG	IPP070N06L G	TO220-3	60 V	7	80 A	320 A	214 W	1.2 V	2.0 V	95 nC	0.7 K/W				
726-IPP070N06NG	IPP070N06N G	TO220-3	60 V	7	80 A	320 A	250 W	2.1 V	4.0 V	89 nC	0.6 K/W				