

INFINEON Power MOSFETs



This product is RoHS compliant.

N-CHANNEL MOSFETS - OPTIMOS®

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 greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package Type	VDS (Max.)(V)	RDS (ON) @ 10V (Max.)(mΩ)	ID (Max.)(A)	IDpulse (Max.)(A)	Ptot (Max.)(W)	VGS(th) (Min.)(V)	VGS(th) (Max.)(V)	Qg (Typ.)	RthJC (Max.)(K/W)	Price Each			
												1	10	100	500
												726-BSB017N03LX3G	BSB017N03LX3 G	MG-WDSO-2	30
726-BSZ130N03LSG	BSZ130N03LS G	TSDSON-8	30	13	35	140	25	1.0	2.2	5.0	5.0	.78	.686	.529	.392
726-BSZ130N03MSG	BSZ130N03MS G	TSDSON-8	30	13	35	140	25	1.0	2.0	6.1	5.0	.86	.744	.587	.43
726-BSC120N03LSG	BSC120N03LS G	TSDSON-8	30	12	39	156	28	1.0	2.2	5.0	4.5	.79	.683	.541	.396
726-BSC120N03MSG	BSC120N03MS G	TSDSON-8	30	12	39	156	28	1.0	2.0	15	4.5	.72	.633	.488	.361
726-BSZ050N03MSG	BSZ050N03MS G	TSDSON-8	30	5.0	40	160	48	1.0	2.0	34	2.5	1.01	.90	.724	.54
726-BSZ058N03LSG	BSZ058N03LS G	TSDSON-8	30	5.8	40	160	45	1.0	2.2	22	2.8	.96	.839	.647	.479
726-BSZ058N03MSG	BSZ058N03MS G	TSDSON-8	30	5.8	40	160	45	1.0	2.0	14	2.8	1.05	.908	.718	.526
726-BSZ100N03MSG	BSZ100N03MS G	TSDSON-8	30	10	40	160	30	1.0	2.0	8.3	4.1	.87	.75	.596	.437
726-BSC100N03MSG	BSC100N03MS G	TSDSON-8	30	10	44	176	30	1.0	2.0	17	4.1	.80	.699	.53	.39
726-BSC090N03LSG	BSC090N03LS G	TSDSON-8	30	9.0	47	188	31	1.0	2.2	7.0	4.0	.84	.731	.566	.419
726-BSC090N03MSG	BSC090N03MS G	TSDSON-8	30	9.0	48	192	32	1.0	2.0	18	3.9	.85	.747	.576	.427
726-IPD050N03LG	IPD050N03L G	TO-252-3	30	5.0	50	350	68	1.0	2.2	15	2.2	1.06	.916	.727	.532
726-IPD060N03LG	IPD060N03L G	TO-252-3	30	6.0	50	350	56	1.0	2.2	11.3	2.7	.82	.718	.553	.41
726-BSC080N03LSG	BSC080N03LS G	TSDSON-8	30	8.0	52	208	34	1.0	2.2	7.0	3.7	.92	.801	.617	.457
726-BSC080N03MSG	BSC080N03MS G	TSDSON-8	30	8.0	53	212	35	1.0	2.0	9.9	3.6	.92	.801	.617	.457
726-BSC057N03LSG	BSC057N03LS G	TSDSON-8	30	5.7	71	284	45	1.0	2.2	11	2.8	1.03	.893	.704	.516
726-BSC057N03MSG	BSC057N03MS G	TSDSON-8	30	5.7	71	284	45	1.0	2.0	14	2.8	.96	.839	.647	.479
726-BSC050N03LSG	BSC050N03LS G	TSDSON-8	30	5.0	79	316	48	1.0	2.2	13	2.6	.88	.777	.613	.476
726-IPB034N03LG	IPB034N03L G	TO-263-3	30	4.4	80	400	94	1.0	2.2	25	1.6	1.58	1.40	1.10	.57
726-IPP042N03LG	IPP042N03L G	TO-220-3	30	3.2	80	320	79	1.0	2.2	18	1.9	1.27	1.12	.888	.689
726-BSC050N03MSG	BSC050N03MS G	TSDSON-8	30	5.0	80	320	50	1.0	2.0	17	2.5	.88	.777	.613	.476
726-IPD031N03LG	IPD031N03L G	TO-252-3	30	3.1	90	400	94	1.0	2.2	25	1.6	1.58	1.23	1.05	1.00
726-IPD040N03LG	IPD040N03L G	TO-252-3	30	4.0	90	400	79	1.0	2.2	18.2	1.9	.93	.823	.65	.504
726-BSC042N03MSG	BSC042N03MS G	TSDSON-8	30	4.2	93	372	57	1.0	2.0	20	2.2	1.03	.912	.72	.558
726-BSC014N03MSG	BSC014N03MS GXT	TSDSON-8	30	1.4	100	400	139	1.0	2.0	130	0.9	2.61	2.36	2.12	1.30
726-BSC0902NSI	BSC0902NSI	TSDSON-8	30	2.2	100	400	2.5	1	2.2	13	2.6	1.44	1.20	.96	.77
726-BSC020N03LSG	BSC020N03LS G	TSDSON-8	30	2.0	100	400	93	1.0	2.2	34	1.3	2.48	2.29	2.10	1.12
726-BSC0908NS	BSC0908NS	TSDSON	34	6.7	49	196	2.5	1	2.2	6.8	4.2	.75	.626	.501	.407
726-IPG20N04S4L-07	IPG20N04S4L-07	TSDSON-8	40	7.2	20	80	65	1.2	2.2	39	2.3	1.08	.96	.89	.79
726-IPG20N04S4-08	IPG20N04S4-08	TSDSON-8	40	7.6	20	80	65	2	4	28	2.3	1.08	.96	.89	.79
726-IPG20N04S4L-08	IPG20N04S4L-08	TSDSON-8	40	8.2	20	80	54	1.2	2.2	20	2.8	.88	.78	.72	.64
726-IPG20N04S4-09	IPG20N04S4-09	TSDSON-8	40	8.6	20	80	54	2	4	21.7	2.8	.88	.78	.72	.64
726-IPG20N04S4L-11	IPG20N04S4L-11	TSDSON-8	40	11.6	20	80	41	1.2	2.2	20	3.7	.73	.65	.60	.53
726-IPG20N04S4-12	IPG20N04S4-12	TSDSON-8	40	12.2	20	80	41	2	4	14	3.7	.73	.65	.60	.53
726-IPD105N04LG	IPD105N04L G	TO-252-3	40	10.5	40	280	42	1.2	2.0	18	3.6	.63	.58	.54	.499
726-BSC093N04LSG	BSC093N04LS GXT	TSDSON-8	40	9.3	49	196	35	1.2	2.0	18	3.6	.98	.84	.67	.391
726-IPD088N04LG	IPD088N04L G	TO-252-3	40	8.8	50	350	47	1.2	2.0	20.7	3.2	.78	.72	.669	.639
726-IPB80N04S304	IPB80N04S3-04	TO-263-3	40	3.8	80	320	136	2.1	4.0	60	1.1	2.06	1.76	1.43	.852
726-BSC050N04LSG	BSC050N04LS G	TSDSON-8	40	5.0	85	340	57	1.2	2.0	36	2.2	1.34	1.24	1.15	.582
726-IPP120N04S3-02	IPP120N04S302XK	TO-220-3	40	2.0	120	480	300	2.1	4.0	160	0.5	2.92	2.63	2.11	1.32
726-IPG20N06S2L-35	IPG20N06S2L-35	TSDSON-8	55	35	20	80	65	1.2	2	18	2.3	.66	.59	.54	.48
726-IPG20N06S2L-50	IPG20N06S2L-50	TSDSON-8	55	50	20	80	51	1.2	2	13	2.9	.58	.51	.47	.42
726-IPG20N06S2L-65	IPG20N06S2L-65	TSDSON-8	55	65	20	80	43	1.2	2	9.4	3.5	.51	.45	.417	.372
726-IPD640N06LG	IPD640N06L G	TO-252-3	60	6.4	18	72	0.0047	1.2	2.0	10	3.2	.81	.63	.54	.48
726-BSB028N06NN3G	BSB028N06NN3 G	MG-WDSO-2	60	2.8	90	360	78	2	4	108	1.6	2.16	1.92	1.78	1.59
726-BSZ076N06NS3G	BSZ076N06NS3 GXT	TSDSON-8	60	7.6	20	80	69	2.0	4.0	37	1.8	.79	.74	.713	.651
726-IPG20N06S4L-11	IPG20N06S4L-11	TSDSON-8	60	11.2	20	80	65	1.2	2.2	41	2.3	1.18	1.05	.97	.87
726-IPG20N06S4L-14	IPG20N06S4L-14	TSDSON-8	60	13.7	20	80	50	1.2	2.2	30	3	.97	.86	.80	.71
726-IPG20N06S4-15	IPG20N06S4-15	TSDSON-8	60	15.5	20	80	50	2	4	22	3	.97	.86	.80	.71
726-IPG20N06S4L-26	IPG20N06S4L-26	TSDSON-8	60	26	20	80	33	1.2	2.2	15	4.5	.64	.57	.53	.47
726-IPP260N06N3G	IPP260N06N3G GXT	TO-220-3	60	26	27	108	36	2.0	4.0	11	4.2	.53	.52	.509	.479
726-IPP093N06N3G	IPP093N06N3G GXT	TO-220-3	60	9.0	50	200	71	2.0	4.0	36	1.6	.78	.765	.748	.703
726-IPP120N06NG	IPP120N06N G	TO-220-3	60	12	75	300	158	1.2	2.0	46	1.0	1.63	1.47	1.18	.75
726-IPP057N06N3G	IPP057N06N3G GXT	TO-220-3	60	5.4	80	320	115	2.0	4.0	61	1.3	.90	.877	.868	.816
726-IPP037N06L3G	IPP037N06L3G GXT	TO-220-3	60	3.4	90	360	167	1.2	2.2	59	0.9	2.36	2.14	1.71	1.09
726-IPD035N06L3G	IPD035N06L3G GXT	TO-252-3	60	3.5	90	360	167	1.2	2.2	59	0.9	2.57	2.18	1.80	1.55
726-IPB034N06N3G	IPB034N06N3G GXT	TO-263-7	60	3.4	100	400	167	2.0	4.0	98	0.9	2.35	2.12	1.70	1.02
726-IPB048N06LG	IPB048N06L G	TO-263-3	60	4.4	100	400	--	1.2	2.0	169	0.5	3.26	2.91	2.38	1.62
726-IPB050N06NG	IPB050N06N G	TO-263-3	60	4.7	100	400	--	2.1	4.0	126	0.5	3.49	3.13	2.55	1.62
726-IPB021N06N3G	IPB021N06N3G GXT	TO-263-3	60	2.1	120	480	250	2.0	4.0	206	0.6	2.98	2.80	2.67	1.84
726-IPB017N06N3G	IPB017N06N3G GXT	TO-263-7	60	1.7	180	720	250	2.0	4.0	206	0.6	3.28	3.08	2.80	2.15
726-IPP052NE7N3G GXT	IPP052NE7N3G GXT	TO-220-3	75	5.2	80	320	150	2.3	3.8	51	1.0	1.84	1.72	1.64	1.24
726-IPB80N08S2L07	IPB80N08S2L07 XXT	TO-263-3	75	6.8	80	320	300	1.2	2.0	183	0.5	3.28	2.66	2.05	1.35
726-IPB031NE7N3G GXT	IPB031NE7N3G GXT	TO-263-3	75	3.1	100	400	214	2.3	3.8	88	0.7	2.45	2.37	2.20	1.61
726-IPP034NE7N3G GXT	IPP034NE7N3G GXT	TO-220-3	75	3.4	100	400	214	2.3	3.8	88	0.7	3.70	3.28	2.64	1.84
726-BSC042NE7NS3G GXT	BSC042NE7NS3G GXT	TSDSON-8	75	4.2	100	400	125	2.3	3.8	52	1.0	2.30	2.07	1.67	1.27
726-IPB020NE7N3G GXT	IPB020NE7N3G GXT	TO-263-3	75	2.0	120	480	300	2.3	3.8	155	0.5	4.39	4.12	3.93	2.87
726-BSZ340N08NS3G	BSZ340N08NS3G GXT	TSDSON-8	80	34	23	92	32	2.0	3.5	6.8	3.9	.84	.79	.686	.58
726-BSC057N08NS3G	BSC057N08NS3G GXT	TSDSON-8													