

INFINEON Power MOSFETs



This product is RoHS compliant.

N-CHANNEL MOSFETS - COOLMOS® (CONT.)

The revolutionary CoolMOS® power MOSFET family enables a significant reduction of conducting and switching losses in Switched Mode Power Supplies (SMPS).

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package Type	VDS (Max.)(V)	RDS (ON) @ 10V (Max.)(Ω)	ID (Max)(A)	IDpulse (Max.)(A)	Ptot (Max.)(W)	VGS(th) (Min.)(V)	VGS(th) (Max.)(V)	Qg (Typ.)(nC)	RthJC(Max.) (°C/W)	Price Each			
												1	10	100	500
726-SPA06N60C3	SPA06N60C3	TO-220-3	600	0.75	6.2	59	32	2.1	3.9	24	3.92	1.80	1.44	1.30	.842
726-SP06N60C3	SP06N60C3	TO-220-3	600	0.75	6.2	71	74	2.1	3.9	24	1.7	1.64	1.44	1.29	1.00
726-SPA07N60C3	SPA07N60C3	TO-220-3	600	0.6	7.3	60	32	2.1	3.9	21	1.5	.93	.903	.882	.86
726-SPB07N60C3	SPB07N60C3	TO-263-3	600	0.6	7.3	21.9	83	2.1	3.9	21	1.5	1.93	1.68	1.44	1.06
726-IPD60R385CP	IPD60R385CP	TO-252-3	600	0.385	9.0	27	83	2.5	3.5	17	1.5	2.83	2.56	2.28	1.87
726-SPA11N60C3	SPA11N60C3	TO-220-3	600	0.38	11	62	33	2.1	3.9	45	1.0	3.13	2.93	2.33	1.30
726-SPB11N60S5	SPB11N60S5	TO-263-3	600	0.38	11	22	125	3.5	5.5	41.5	1.0	3.98	3.30	2.92	2.46
726-SPW11N60C3	SPW11N60C3	TO-247-3	600	0.38	11	33	125	2.1	3.9	45	1.0	3.36	2.69	2.46	1.67
726-SPA15N60C3	SPA15N60C3	TO-220-3	600	0.28	15	63	34	2.1	3.9	63	0.8	1.61	1.56	1.53	1.46
726-SPW15N60C3	SPW15N60C3	TO-247-3	600	0.28	15	45	156	2.1	3.9	63	0.8	2.01	1.95	1.90	1.75
726-IPP60R199CP	IPP60R199CP	TO-220-3	600	0.199	16	51	139	2.5	3.5	32	0.9	1.95	1.89	1.84	1.77
726-SP20N60S5	SP20N60S5	TO-220-3	600	0.19	20	79	208	3.5	5.5	79	0.6	2.55	2.47	2.41	2.37
726-SPW20N60S5	SPW20N60S5	TO-247-3	600	0.19	20	40	208	3.5	5.5	79	0.6	3.36	3.26	3.18	3.01
726-SPP20N60C3	SPP20N60C3	TO-220-3	600	0.19	20.7	77	156	2.1	3.9	87	0.6	4.05	3.57	2.96	1.99
726-SPP20N60CFD	SPP20N60CFD	TO-220-3	600	0.22	20.7	78	208	3.0	5.0	95	0.6	4.88	3.91	3.56	2.43
726-SPW20N60C3	SPW20N60C3	TO-247-3	600	0.19	20.7	62.1	208	2.1	3.9	87	0.6	4.76	4.25	3.48	2.31
726-SPW20N60CFD	SPW20N60CFD	TO-247-3	600	0.22	20.7	52	208	3.0	5.0	95	0.6	5.48	4.39	4.00	2.73
726-SPW24N60CFD	SPW24N60CFD	TO-247-3	600	0.185	21.7	55	240	3.0	5.0	110	0.52	3.23	3.13	3.05	2.97
726-SPW35N60CFD	SPW35N60CFD	TO-247-3	600	0.118	34	85	313	3.0	5.0	163	0.4	8.85	7.25	6.55	4.78
726-IPW60R075CP	IPW60R075CP	TO-247-3	600	0.075	39	130	313	2.5	3.5	27	1.2	12.00	10.08	9.17	6.69
726-SPW47N60CFD	SPW47N60CFD	TO-247-3	600	0.83	46	118	417	3.0	5.0	248	0.3	13.09	11.00	10.11	8.34
726-SPW47N60C3	SPW47N60C3	TO-247-3	600	7.0	47	141	415	2.1	3.9	252	0.3	12.12	10.18	9.35	7.32
726-IPW60R045CP	IPW60R045CP	TO-247-3	600	0.045	60	230	431	2.1	3.9	150	0.3	12.62	10.61	9.74	7.62
726-IPD60R3K3C6	IPD60R3K3C6	TO-252	650	2.97	1.70	4	18.1	2.5	3.5	4.6	6.9	.50	.426	.343	.312
726-IPD60R2K0C6	IPD60R2K0C6	TO-252	650	1.8	2.40	6	22.3	2.5	3.5	6.7	5.6	.57	.479	.385	.354
726-IPD60R1K4C6	IPD60R1K4C6	TO-252	650	1.26	3.20	8	28.4	2.5	3.5	9.4	4.4	.68	.572	.457	.423
726-IPA60R950C6	IPA60R950C6	TO-220	650	0.86	4.40	12	26	2.5	3.5	13	3.41	1.30	1.08	.864	.697
726-SPU04N60C3	SPU04N60C3	TO-251-3	650	0.85	4.5	13.5	50	2.1	3.9	19	2.5	.64	.626	.615	.582
726-SPU07N60C3	SPU07N60C3	TO-251-3	650	0.85	4.5	13.5	50	2.1	3.9	19	2.5	.81	.79	.773	.75
726-IPA60R750E6	IPA60R750E6	TO-220	650	0.68	5.70	15.7	27	2.5	3.5	17.2	2.6	1.44	1.19	.961	.766
726-IPP60R750E6	IPP60R750E6	TO-220	650	0.68	5.70	15.7	48	2.5	3.5	17.2	2.6	1.19	1.01	.806	.645
726-IPB60R600CP	IPB60R600CPXT	TO-263-3	650	0.6	6.1	15	60	2.5	3.5	21	2.1	1.91	1.59	1.41	.825
726-IPA60R600E6	IPA60R600E6	TO-220	650	0.54	7.30	19	28	2.5	3.5	20.5	2	1.79	1.49	1.19	.958
726-IPP60R600E6	IPP60R600E6	TO-220	650	0.54	7.30	19	63	2.5	3.5	20.5	2	1.68	1.40	1.12	.905
726-SPP07N65C3	SPP07N65C3	TO-220-3	650	0.6	7.3	21.9	83	2.1	3.9	21	1.5	2.37	2.13	1.71	.99
726-IPA60R520E6	IPA60R520E6	TO-220	650	0.47	8.10	22	29	2.5	3.5	23.4	1.9	1.92	1.60	1.28	1.03
726-IPP60R520E6	IPP60R520E6	TO-220	650	0.47	8.10	22	66	2.5	3.5	23.4	1.9	1.99	1.66	1.32	1.06
726-IPP60R450E6	IPP60R450E6	TO-220	650	0.41	9.20	26	74	2.5	3.5	28	1.7	2.01	1.66	1.33	1.07
726-IPA60R380C6XK	IPA60R380C6XK	TO-220 FullPAK	650	0.38	10.6	30	31	2.5	3.5	32	4.0	1.76	1.57	1.43	1.34
726-IPD60R380C6XT	IPD60R380C6XT	TO-252-3	650	0.38	10.6	30	83	2.5	3.5	32	1.5	2.36	2.13	1.71	1.33
726-IPP60R380E6	IPP60R380E6	TO-220	650	0.34	10.6	30	83	2.5	3.5	32	1.5	2.37	1.97	1.58	1.27
726-IPP60R250CP	IPP60R250CP	TO-220-3	650	0.25	12	40	104	2.5	3.5	26	1.2	1.83	1.76	1.73	1.67
726-IPA60R280C6	IPA60R280C6XK	TO-220 FullPAK	650	0.28	13.8	40	32	2.5	3.5	43	3.9	1.99	1.92	1.78	1.55
726-IPB60R280C6XT	IPB60R280C6XT	TO-263-3	650	0.28	13.8	40	104	2.5	3.5	43	1.2	2.62	2.31	1.90	1.26
726-IPP60R280C6	IPP60R280C6XK	TO-220-3	650	0.28	13.8	40	104	2.5	3.5	43	1.2	1.98	1.92	1.78	1.55
726-IPP60R280E6	IPP60R280E6	TO-220	650	0.25	13.80	40	104	2.5	3.5	43	1.2	2.84	2.37	1.89	1.51
726-IPP65R190CFD	IPP65R190CFD	TO-220	650	0.19	17.5	57.2	151	3.5	4.5	68	0.83	4.65	4.19	3.72	3.44
726-IPW65R190CFD	IPW65R190CFD	TO-247	650	0.19	17.5	57.2	151	3.5	4.5	68	0.83	5.40	4.86	4.32	4.00
726-IPB65R190CFD	IPB65R190CFD	D2PAK	650	0.19	17.5	57.2	151	3.5	4.5	68	0.83	4.65	4.19	3.72	3.44
726-IPA60R190C6XK	IPA60R190C6XK	TO-220 FullPAK	650	0.19	20.2	59	34	2.5	3.5	63	3.7	3.64	3.25	2.59	1.69
726-SPA20N65C3	SPA20N65C3	TO-220-3	650	0.19	20.7	62.1	34.5	2.1	3.9	87	0.15	4.44	3.56	3.25	2.22
726-IPA60R160C6	IPA60R160C6XK	TO-220 FullPAK	650	0.16	23.8	70	34	2.5	3.5	75	3.67	4.85	3.89	3.54	2.87
726-IPA60R125C6XK	IPA60R125C6XK	TO-220 FullPAK	650	0.125	30	89	34	2.5	3.5	96	3.65	5.92	4.74	4.23	2.94
726-IPB60R099CP	IPB60R099CPXT	TO-263-3	650	0.099	31	93	255	2.5	3.5	60	0.5	8.33	6.83	6.15	4.35
726-IPP60R099CP	IPP60R099CPXK	TO-220-3	650	0.099	31	93	255	2.5	3.5	60	0.5	7.58	6.21	5.60	4.09
726-IPA60R099C6XK	IPA60R099C6XK	TO-220 FullPAK	650	0.099	37.9	112	35	2.5	3.5	119	3.6	6.59	6.37	5.53	4.77
726-SPW47N65C3	SPW47N65C3	TO-247-3	650	7.0	47	141	415	2.1	3.9	255	0.3	8.25	8.00	7.79	7.60
726-IPW60R070C6	IPW60R070C6XK	TO-247-3	650	70	53	159	391	2.5	3.5	170	0.32	7.18	6.96	6.78	6.38
726-IPW65R660CFD	IPW65R660CFD	TO-247	700	0.66	6	17	62.5	3.5	4.5	22	2	2.33	2.07	1.92	1.71
726-IPD65R660CFD	IPD65R660CFD	TO-252	700	0.66	6	17	62.5	3.5	4.5	22	2	2.42	2.02	1.61	1.49
726-IP65R660CFD	IP65R660CFD	I2PAK	700	0.66	6	17	62.5	3.5	4.5	22	2	2.17	1.94	1.80	1.60
726-IPB65R660CFD	IPB65R660CFD	D2PAK	700	0.66	6	17	62.5	3.5	4.5	22	2	2.17	1.94	1.80	1.60
726-IPA65R600E6	IPA65R600E6	TO-220	700	0.54	7.30	18	28	2.5	3.5	23	2	1.72	1.43	1.15	.926
726-IPD65R600E6	IPD65R600E6	TO-252	700	0.54	7.30	18	63	2.5	3.5	23	2	1.91	1.58	1.27	1.11
726-IPP65R600E6	IPP65R600E6	TO-220	700	0.54	7.30	18	63	2.5	3.5	23	2	1.99	1.65	1.32	1.06
726-IPW65R420CFD	IPW65R420CFD	TO-247	700	0.42	8.7	27	83.3	3.5	4.5	32	1.5	3.66	3.29	2.93	2.71
726-IPD65R420CFD	IPD65R420CFD	TO-252	700	0.42	8.7	27	83.3	3.5	4.5	32	1.5	2.95	2.66	2.36	2.19
726-IP65R420CFD	IP65R420CFD	I2PAK	700	0.42	8.7	27	83.3	3.5	4.5	32	1.5	2.95	2.66	2.36	2.19
726-IPB65R420CFD	IPB65R420CFD	D2PAK	700	0.42	8.7	27	83.3	3.5	4.5	32	1.5	2.95	2.66	2.36	2.19
726-IPA65R380E6	IPA65R380E6	TO-220	700	0.34	10.60	29	31	2.5	3.5	39	1.5	2.66	2.21	1.78	1.42
726-IPP65R380E6	IPP65R380E6	TO-220	700	0.34	10.60	29	83	2.5	3.5	39	1.5	2.55	2.12	1.69	1.36
726-IPW65R310CFD	IPW65R310CFD	TO-247	700	0.31	11.4	34.4	104.2	3.5	4.5	41	1.2	4.16	3.74	3.33	3.08
726-IPB65R310CFD	IPB65R310CFD	D2PAK	700	0.31	11.4	34.4	104.2	3.5	4.5	41	1.2	3.66	3.29	2.93	2.71
726-IPA65R280E6	IPA65R280E6	TO-220	700	0.25	13.80	39	32	2.5	3.5	45	1.2	3.13	2.57	2.09	1.67
726-IPP65R280E6	IPP65R280E6	TO-220	700	0.25	13.80	39	104	2.5	3.5	45	1.2	2.90	2.33	2.06	1.66
726-IP															