

INFINEON Power MOSFETs



This product is RoHS compliant.



SMALL SIGNAL MOSFETS

Enhancement Mode (Cont.)

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.)(nC)	RthJA(Max.) (K/W)	Price Each				
												1	10	100	500	
N-Channel													For quantities greater than listed, call for quote.			
726-BSP296L6327	BSP296L6327XT	SOT-223-4	100	0.7	1.1	4.4	1.79	0.8	1.8	13.8	115	.90	.777	.613	.327	
726-BSP372L6327	BSP372L6327XT	SOT-223-4	100	310	1.7	6.8	1.8	0.8	2.0	--	70	.81	.696	.549	.293	
726-BSP297L6327	BSP297L6327XT	SOT-223-4	200	1.8	0.66	2.64	1.8	0.8	1.8	12.9	115	.86	.741	.585	.311	
726-BSS87L6327	BSS87 L6327	SOT-89-4	240	6.0	0.26	1.0	1.0	0.8	1.8	3.7	125	.72	.618	.487	.282	
726-BSP89L6327	BSP89L6327	SOT-223-4	240	6.0	0.35	1.4	1.8	0.8	1.8	4.3	115	.67	.58	.458	.24	
726-BSP299L6327	BSP299L6327XT	SOT-223-4	500	4000	0.4	1.6	1.8	2.1	4.0	--	70	1.47	1.29	1.13	.592	
726-BSS225L6327	BSS225L6327XT	SOT-89-3	600	45000	0.09	0.36	1.0	1.3	2.3	3.9	125	.70	.64	.592	.338	
P-Channel																
726-BSD223PL6327	BSD223PL6327XT	SOT-363	-20	1.2	-0.39	-1.56	0.25	-0.6	-1.2	-0.5	500	.61	.51	.42	.317	
726-BSP315PL6327	BSP315PL6327XT	SOT-223-4	-60	0.8	-1.17	-4.68	1.8	-1.0	-2.0	5.2	115	.67	.577	.455	.243	
726-BSP170PL6327	BSP170PL6327XT	SOT-223-4	-60	0.3	-1.9	-7.6	1.8	-2.1	-4.0	-10	110	.80	.689	.543	.29	
726-BSP171PL6327	BSP171PL6327XT	SOT-223-4	-60	0.3	-1.9	-7.6	1.8	-1.0	-2.0	-13	110	.86	.742	.585	.312	
726-BSP613PL6327	BSP613PL6327XT	SOT-223-4	-60	0.13	-2.9	-11.6	1.8	-2.1	-4.0	22	100	1.20	1.07	.853	.479	

Depletion Mode

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.)(nC)	RthJC(Max.) (°C/W)	Price Each				
												1	10	100	500	
N-Channel													For quantities greater than listed, call for quote.			
726-BSS159NL6327	BSS159N L6327	SOT-23-3	60	3.5	0.23	0.92	0.36	-3.5	-2.4	2.2	350	1.08	.98	.88	.484	
726-BSP149L6327	BSP149L6327	SOT-223-4	200	1.8	0.66	2.6	1.8	-2.1	-1.0	11	115	1.12	1.00	.797	.458	
726-BSP149L6906	BSP149L6906XT	SOT-223-4	200	1.8	0.66	2.6	1.8	-2.1	-1.0	11	115	1.01	.92	.84	.511	
726-BSP135L6327	BSP135L6327XT	SOT-223-4	600	60	0.12	0.48	1.8	-2.1	-1.0	3.7	115	1.80	1.59	1.38	.729	

IGBT TRANSISTORS

MOUSER STOCK NO.	Infineon Part No.	Package Type	VCEO (Max.)(V)	VGE (V)	IC (Max.)(A)	ICpulse (Max.)(A)	Ptot (Max.)(W)	VGE(th)		Qg (Typ.)(nC)	RthJC(Max.) (°C/W)	Price Each			
								(Min.)(V)	(Max.)(V)			1	10	100	500
726-IKW40N60H3	IGW40N60H3	TO247	600	20	40	160	306	4.1	5.7	223	0.49	5.46	4.87	3.99	3.23
726-IKW30N60H3	IKW30N60H3	TO247	600	20	30	120	187	4.1	5.7	165	0.8	5.13	4.58	3.75	3.04
726-IKW20N60H3	IKW20N60H3	TO247	600	20	20	80	170	4.1	5.7	120	0.88	4.54	3.65	3.25	2.59

N-CHANNEL MOSFETS - COOLMOS®

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

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	
For quantities greater than listed, call for quote.																
726-SPD02N50C3	SPD02N50C3	TO-252-3	500	3.0	1.8	40	25	2.1	3.9	9.0	5.0	1.07	.956	.754	.699	
726-SPD03N50C3	SPD03N50C3	TO-252-3	500	1.4	3.2	41	38	2.1	3.9	15	3.3	1.54	1.21	1.03	.945	
726-SPA04N50C3	SPA04N50C3	TO-220-3	500	0.95	4.5	21	31	2.1	3.9	22	4.0	1.63	1.32	1.15	.706	
726-SPP04N50C3	SPP04N50C3	TO-220-3	500	0.95	4.5	26	50	2.1	3.9	22	2.5	1.36	1.09	.955	.584	
726-IPA50R520CP	IPA50R520CP	TO-220-3	500	0.52	7.0	15	30	2.5	3.5	13	4.2	.90	.887	.865	.83	
726-IPP50R520CP	IPP50R520CP	TO-220-3	500	0.52	7.1	15	66	2.5	3.5	13	1.9	.79	.775	.755	\$\$	
726-IPS50R520CP	IPS50R520CP	TO-251-3	500	0.52	7.1	37	66	2.5	3.5	13	1.9	.74	.72	.702	\$\$	
726-IPD50R520CP	IPD50R520CP	TO-252-3	500	0.52	7.1	39	66	2.5	3.5	22	1.9	1.78	1.70	1.60	1.31	
726-SPA08N50C3	SPA08N50C3	TO-220-3	500	0.6	7.6	22	32	2.1	3.9	32	3.9	1.68	1.35	1.22	.787	
726-SPD08N50C3	SPD08N50C3	TO-252-3	500	0.6	7.6	42	83	2.1	3.9	32	1.5	1.82	1.46	1.17	1.01	
726-IPD50R399CP	IPD50R399CP	TO-252-3	500	0.399	9.0	38	83	2.5	3.5	13	1.9	2.19	2.07	1.98	1.67	
726-IPP50R350CP	IPP50R350CP	TO-220-3	500	0.35	10	17	89	2.5	3.5	19	1.4	2.44	1.95	1.75	1.13	
726-SPW12N50C3	SPW12N50C3	TO-247-3	500	0.38	11.6	34	125	2.1	3.9	49	1.0	3.17	2.85	1.96	1.40	
726-SPB12N50C3	SPB12N50C3	TO-263-3	500	0.38	11.6	51	125	2.1	3.9	49	1.0	2.70	2.17	1.95	1.23	
726-IPA50R299CP	IPA50R299CP	TO-220-3	500	0.299	12	26	33	2.5	3.5	23	3.8	1.31	1.27	1.24	1.21	
726-IPP50R299CP	IPP50R299CP	TO-220-3	500	0.299	12	16	104	2.5	3.5	23	1.2	2.82	2.27	2.04	1.31	
726-IPB50R299CP	IPB50R299CP	TO-263-3	500	0.299	12	49	104	2.5	3.5	23	1.2	2.72	2.58	2.46	1.21	
726-IPA50R350CP	IPA50R350CP	TO-220-3	500	0.35	12	22	32	2.5	3.5	19	3.9	1.12	1.08	1.06	1.00	
726-IPA50R250CP	IPA50R250CP	TO-220-3	500	0.25	13	31	33	2.5	3.5	27	3.75	3.25	2.98	2.73	1.37	
726-IPB50R250CP	IPB50R250CP	TO-263-3	500	0.25	13	48	114	2.5	3.5	27	1.1	2.74	2.63	2.53	1.23	
726-SPA16N50C3	SPA16N50C3	TO-220-3	500	0.28	16	24	34	2.1	3.9	66	3.7	1.43	1.38	1.35	1.29	
726-SPW16N50C3	SPW16N50C3	TO-247-3	500	0.28	16	35	160	2.1	3.9	66	0.78	3.09	2.48	2.26	1.54	
726-SPI16N50C3	SPI16N50C3	TO-262-3	500	0.28	16	45	160	2.1	3.9	66	0.78	2.77	2.49	2.00	\$\$	
726-SPB16N50C3	SPB16N50C3	TO-263-3	500	0.28	16	52	160	2.1	3.9	66	0.78	2.90	2.32	2.11	1.40	
726-IPA50R199CP	IPA50R199CP	TO-220-3	500	0.199	17	40	34	2.5	3.5	34	3.7	1.79	1.72	1.68	1.65	
726-IPW50R199CP	IPW50R199CP	TO-247-3	500	0.199	17	32	139	2.5	3.5	34	0.9	2.20	2.12	2.06	1.95	
726-IPB50R199CP	IPB50R199CP	TO-263-3	500	0.199	17	47	139	2.5	3.5	34	0.9	3.47	3.11	3.00	1.49	
726-SPA21N50C3	SPA21N50C3	TO-220-3	500	0.19	21	25	34.5	2.1	3.9	95	3.6	3.47	2.78	2.53	1.73	
726-SPP21N50C3	SPP21N50C3	TO-220-3	500	0.19	21	29	208	2.1	3.9	95	0.6	3.45	2.77	2.52	1.72	
726-SPB21N50C3	SPB21N50C3	TO-263-3	500	0.19	21	53	208	2.1	3.9	95	0.6	3.87	3.10	2.83	1.74	
726-IPA50R140CP	IPA50R140CP	TO-220-3	500	0.14	23	56	34	2.5	3.5	48	3.65	2.68	2.59	2.52	2.37	
726-IPW50R140CP	IPW50R140CP	TO-247-3	500	0.14	23	31	192	2.5	3.5	48	0.65	2.97	2.87	2.80	2.54	
726-IPB50R140CP	IPB50R140CP	TO-263-3	500	0.14	23	46	192	2.5	3.5	48	0.65	4.11	3.93	3.75	2.18	
726-SPW32N50C3	SPW32N50C3	TO-247-3	500	0.11	32	36	284	2.1	3.9	170	0.44	7.50	6.14	5.54	4.05	
726-SPW52N50C3	SPW52N50C3	TO-220-3	500	0.70	52	30	417	2.1	3.9	290	0.3	11.84	9.71	8.76	6.39	
726-SPU01N60C3	SPU01N60C3	TO-251-3	600	6.0	0.8	1.6	11	2.1	3.9	3.9	11	.93	.743	.651	.398	
726-SPD01N60C3	SPD01N60C3	TO-252-3	600	6.0	0.8	1.6	11	2.1	3.9	3.9	11	1.14	.902	.771	.647	
726-SPP02N60C3	SPP02N60C3	TO-220-3	600	3.0	1.8	66	25	2.1	3.9	9.5	5.0	.42	.41	.406	\$\$	
726-SPP02N60S5	SPP02N60S5	TO-220-3	600	3.0	1.8	67	25	3.5	5.5	7.3	5.0	.87	.77	.567	.533	
726-SPU02N60S5	SPU02N60S5	TO-251-3	600	3.0	1.8	3.2	25	3.5	5.5	7.3	5.0	1.44	1.27	1.00	.78	
726-SPD02N60S5	SPD02N60S5	TO-252-3	600	3.0	1.8	3.2	25	3.5	5.5	7.3	5.0	.93	.834	.817	.762	
726-SPU03N60C3	SPU03N60C3	TO-251-3	600	1.4	3.2	9.6	38	2.1	3.5	13	3.3	.49	.478	.47	.442	
726-SPA03N60C3	SPA03N60C3	TO-220-3	600	1.4	3.2	57	29.7</									