

INFINEON Power MOSFETs



N-CHANNEL MOSFETS - COOLMOS®

RoHS Compliant This product is RoHS compliant.

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

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-IPA50R140CP	IPA50R140CP	TO220-3	500 V	0.14	23 A	56 A	34 W	2.5 V	3.5 V	48 nC	3.65 K/W				
726-IPA50R199CP	IPA50R199CP	TO220-3	500 V	0.199	17 A	40 A	34 W	2.5 V	3.5 V	34 nC	3.7 K/W				
726-IPA50R299CP	IPA50R299CP	TO220-3	500 V	0.299	12 A	26 A	33 W	2.5 V	3.5 V	23 nC	3.8 K/W				
726-IPA50R350CP	IPA50R350CP	TO220-3	500 V	0.35	12 A	22 A	32 W	2.5 V	3.5 V	19 nC	3.9 K/W				
726-IPA50R250CP	IPA50R250CP	TO220-3	500 V	0.25	13 A	31 A	33 W	2.5 V	3.5 V	27 nC	3.75 K/W				
726-IPW50R250CP	IPW50R250CP	TO-247-3	500 V	0.25	13 A	31 A	114 W	2.5 V	3.5 V	27 nC	1.1 K/W				
726-IPW50R299CP	IPW50R299CP	TO-247-3	500 V	0.299	12 A	26 A	104 W	2.5 V	3.5 V	23 nC	1.2 K/W				
726-IPW50R350CP	IPW50R350CP	TO-247-3	500 V	0.35	10 A	22 A	89 W	2.5 V	3.5 V	19 nC	1.4 K/W				
726-SPU03N60C3	SPU03N60C3	TO-251-3	600 V	1.4	3.2	9.6 A	38 W	2.1 V	3.9 V	13 nC	3.3 K/W				
726-IPW60R075CP	IPW60R075CP	TO-247-3	600 V	0.075	39 A	130 A	313 W	2.5 V	3.5 V	27 nC	1.2 K/W				
726-IPW60R099CP	IPW60R099CP	TO-262-3	600 V	0.099	31 A	93 A	255 W	2.5 V	3.5 V	60 nC	0.5 K/W				
726-IPW60R250CP	IPW60R250CP	TO-247-3	600 V	0.25	12 A	40 A	104 W	2.5 V	3.5 V	87 nC	0.4 K/W				
726-IPW60R250CP	IPW60R250CP	TO-262-3	600 V	0.25	12 A	40 A	104 W	2.5 V	3.5 V	26 nC	1.2 K/W				
726-IPB60R250CP	IPB60R250CP	TO-263-3	600 V	0.25	12 A	40 A	104 W	2.5 V	3.5 V	53 nC	0.6 K/W				
726-IPP60R199CP	IPP60R199CP	TO-220-3	600 V	0.199	16 A	51 A	139 W	2.5 V	3.5 V	32 nC	0.9 K/W				
726-IPP60R099CPA	IPP60R099CPA	TO-220-3	600 V	0.099	31 A	93 A	255 W	2.1 V	3.9 V	60 nC	0.5 K/W				
726-IPB60R299CP	IPB60R299CP	TO-263-3	650 V	0.299	11 A	34 A	96 W	2.5 V	3.5 V	22 nC	1.3 K/W				
726-SPU04N60C3	SPU04N60C3	TO-251-3	650 V	0.85	4.5 A	13.5 A	50 W	2.1 V	3.9 V	19 nC	2.5 K/W				
726-SPU07N60C3	SPU07N60C3	TO-251-3	650 V	0.85	4.5 A	13.5 A	50 W	2.1 V	3.9 V	19 nC	2.5 K/W				
726-IPW60R045CP	IPW60R045CP	TO-247-3	600 V	0.045	60 A	230 A	431 W	2.1 V	3.9 V	150 nC	0.3 K/W				
726-IPD60R385CP	IPD60R385CP	TO-252-3	600 V	0.385	9 A	27 A	83 W	2.5 V	3.5 V	17 nC	1.5 K/W				
726-IPA50R399CP	IPA50R399CP	TO220-3	500 V	0.399	9 A	20 A	31 W	2.5 V	3.5 V	17 nC	4 K/W				
726-IPA50R520CP	IPA50R520CP	TO220-3	500 V	0.52	7 A	15 A	30 W	2.5 V	3.5 V	13 nC	4.2 K/W				
726-IPP50R299CP	IPP50R299CP	TO220-3	500 V	0.299	12 A	16 A	104 W	2.5 V	3.5 V	23 nC	1.2 K/W				
726-IPP50R350CP	IPP50R350CP	TO220-3	500 V	0.35	10 A	17 A	89 W	2.5 V	3.5 V	19 nC	1.4 K/W				
726-IPP50R399CP	IPP50R399CP	TO220-3	500 V	0.399	9 A	18 A	83 W	2.5 V	3.5 V	17 nC	1.5 K/W				
726-IPP50R520CP	IPP50R520CP	TO220-3	500 V	0.52	7.1 A	19 A	66 W	2.5 V	3.5 V	13 nC	1.9 K/W				
726-IPP50R520CP	IPP50R520CP	TO220-3	500 V	0.52	7.1 A	20 A	66 W	2.5 V	3.5 V	13 nC	1.9 K/W				
726-SPA04N50C3	SPA04N50C3	TO220-3	500 V	0.95	4.5 A	21 A	31 W	2.1 V	3.9 V	22 nC	4 K/W				
726-SPA08N50C3	SPA08N50C3	TO220-3	500 V	0.6	7.6 A	22 A	32 W	2.1 V	3.9 V	32 nC	3.9 K/W				
726-SPA12N50C3	SPA12N50C3	TO220-3	500 V	0.38	11.6 A	23 A	33 W	2.1 V	3.9 V	49 nC	3.8 K/W				
726-SPA16N50C3	SPA16N50C3	TO220-3	500 V	0.28	16 A	24 A	34 W	2.1 V	3.9 V	66 nC	3.7 K/W				
726-SPA21N50C3	SPA21N50C3	TO220-3	500 V	0.19	21 A	25 A	34.5 W	2.1 V	3.9 V	95 nC	3.6 K/W				
726-SPP04N50C3	SPP04N50C3	TO220-3	500 V	0.95	4.5 A	26 A	50 W	2.1 V	3.9 V	22 nC	2.5 K/W				
726-SPP12N50C3	SPP12N50C3	TO220-3	500 V	0.38	11.6 A	27 A	125 W	2.1 V	3.9 V	49 nC	1 K/W				
726-SPP16N50C3	SPP16N50C3	TO220-3	500 V	0.28	16 A	28 A	160 W	2.1 V	3.9 V	66 nC	0.78 K/W				
726-SPP21N50C3	SPP21N50C3	TO220-3	500 V	0.19	21 A	29 A	208 W	2.1 V	3.9 V	95 nC	0.6 K/W				
726-SPW52N50C3	SPW52N50C3	TO220-3	500 V	1.7	5.2 A	30 A	417 W	2.1 V	3.9 V	290 nC	0.3 K/W				
726-IPW50R140CP	IPW50R140CP	TO247-3	500 V	0.14	23 A	31 A	192 W	2.5 V	3.5 V	48 nC	0.65 K/W				
726-IPW50R199CP	IPW50R199CP	TO247-3	500 V	0.199	17 A	32 A	139 W	2.5 V	3.5 V	34 nC	0.9 K/W				
726-IPW50R399CP	IPW50R399CP	TO247-3	500 V	0.399	9 A	33 A	83 W	2.5 V	3.5 V	1.5 nC	--				
726-SPW12N50C3	SPW12N50C3	TO247-3	500 V	0.38	11.6 A	34 A	125 W	2.1 V	3.9 V	49 nC	1 K/W				
726-SPW16N50C3	SPW16N50C3	TO247-3	500 V	0.28	16 A	35 A	160 W	2.1 V	3.9 V	66 nC	0.78 K/W				
726-SPW32N50C3	SPW32N50C3	TO247-3	500 V	0.11	32 A	36 A	284 W	2.1 V	3.9 V	170 nC	0.44 K/W				
726-IP50R520CP	IP50R520CP	TO251-3	500 V	0.52	7.1 A	37 A	66 W	2.5 V	3.5 V	13 nC	1.9 K/W				
726-IPD50R399CP	IPD50R399CP	TO252-3	500 V	0.399	9 A	38 A	83 W	2.5 V	3.5 V	13 nC	1.9 K/W				
726-IPD50R520CP	IPD50R520CP	TO252-3	500 V	0.52	7.1 A	39 A	66 W	2.5 V	3.5 V	22 nC	1.9 K/W				
726-SPD02N50C3	SPD02N50C3	TO252-3	500 V	3	1.8 A	40 A	25 W	2.1 V	3.9 V	9 nC	5 K/W				
726-SPD03N50C3	SPD03N50C3	TO252-3	500 V	1.4	3.2 A	41 A	38 W	2.1 V	3.9 V	15 nC	3.3 K/W				
726-SPD08N50C3	SPD08N50C3	TO252-3	500 V	0.6	7.6 A	42 A	83 W	2.1 V	3.9 V	32 nC	1.5 K/W				
726-SPI08N50C3	SPI08N50C3	TO262-3	500 V	0.65	8 A	43 A	83 W	2.1 V	3.9 V	32 nC	1.5 K/W				
726-SPI12N50C3	SPI12N50C3	TO262-3	500 V	0.38	11.6 A	44 A	125 W	2.1 V	3.9 V	49 nC	1 K/W				
726-SPI16N50C3	SPI16N50C3	TO262-3	500 V	0.28	16 A	45 A	160 W	2.1 V	3.9 V	66 nC	0.78 K/W				
726-IPB50R140CP	IPB50R140CP	TO263-3	500 V	0.14	23 A	46 A	192 W	2.5 V	3.5 V	48 nC	0.65 K/W				
726-IPB50R199CP	IPB50R199CP	TO263-3	500 V	0.199	17 A	47 A	139 W	2.5 V	3.5 V	34 nC	0.9 K/W				
726-IPB50R250CP	IPB50R250CP	TO263-3	500 V	0.25	13 A	48 A	114 W	2.5 V	3.5 V	27 nC	1.1 K/W				
726-IPB50R299CP	IPB50R299CP	TO263-3	500 V	0.299	12 A	49 A	104 W	2.5 V	3.5 V	23 nC	1.2 K/W				
726-SPB04N50C3	SPB04N50C3	TO263-3	500 V	0.95	4.5 A	50 W	50 W	2.1 V	3.9 V	22 nC	2.5 K/W				
726-SPB12N50C3	SPB12N50C3	TO263-3	500 V	0.38	11.6 A	51 A	125 W	2.1 V	3.9 V	49 nC	1 K/W				
726-SPB16N50C3	SPB16N50C3	TO263-3	500 V	0.28	16 A	52 A	160 W	2.1 V	3.9 V	66 nC	0.78 K/W				
726-SPB21N50C3	SPB21N50C3	TO263-3	500 V	0.19	21 A	53 A	208 W	2.1 V	3.9 V	95 nC	0.6 K/W				
726-SPN04N60S5	SPN04N60S5	SOT223-4	600 V	0.95	0.8 A	54 A	1.8 W	3.5 V	5.5 V	17 nC	20 K/W				
726-IPA60R250CP	IPA60R250CP	TO220-3	600 V	0.25	12 A	55 A	33 W	2.5 V	3.5 V	26 nC	3.75 K/W				
726-IPP60R299CP	IPP60R299CP	TO220-3	600 V	0.299	11 A	56 A	96 W	2.5 V	3.5 V	22 nC	1.3 K/W				
726-SPA03N60C3	SPA03N60C3	TO220-3	600 V	1.4	3.2 A	57 A	29.7 W	2.1 V	3.9 V	13 nC	4.1 K/W				
726-SPA04N60C3	SPA04N60C3	TO220-3	600 V	0.95	4.5 A	58 A	31 W	2.1 V	3.9 V	19 nC	4 K/W				
726-SPA06N60C3	SPA06N60C3	TO220-3	600 V	0.75	6.2 A	59 A	32 W	2.1 V	3.9 V	24 nC	3.92 K/W				
726-SPA07N60C3	SPA07N60C3	TO220-3	600 V	0.6	7.3 A	60 A	32 W	2.1 V	3.9 V	21 nC	1.5 K/W				
726-SPA07N60CFD	SPA07N60CFD	TO220-3	600 V	0.7	6.6 A	61 A	32 W	3.0 V	5.0 V	35 nC	3.9 K/W				
726-SPA11N60C3	SPA11N60C3	TO220-3	600 V	0.38	11 A	62 A	33 W	2.1 V	3.9 V	45 nC	1 K/W				
726-SPA15N60C3	SPA15N60C3	TO220-3	600 V	0.28	15 A	63 A	34 W	2.1 V	3.9 V	63 nC	0.8 K/W				
726-SPA15N60CFD	SPA15N60CFD	TO220-3	600 V	0.33	13.4 A	64 A	34 W	3.0 V	5.0 V	63 nC	3.7 K/W				
726-SPA20N60C3	SPA20N60C3	TO220-3	600 V	0.19	20.7 A	65 A	34.5 W	2.1 V	3.9 V	87 nC	3.6 K/W				
726-SPP02N60C3	SPP02N60C3	TO220-3	600 V	3	1.8 A	66 A	25 W	2.1 V	3.9 V	9.5 nC	5 K/W				
726-SPP02N60S5	SPP02N60S5	TO220-3	600 V	3	1.8 A	67 A	25 W	3.5 V	5.5 V	7.3 nC	5 K/W				
726-SPP03N60S5	SPP03N60S5	TO220-3	600 V	1.4	3.2 A	68 A	38 W	3.5 V	5.5 V	12.4 nC	3.3 K/W				
726-SPP04N60C3	SPP04N60C3	TO220-3	600 V	0.95	4.5 A	69 A	50 W	2.1 V	3.9 V	19 nC	2.5 K/W				
726-SPP04N60S5	SPP04N60S5	TO220-3	600 V	0.95	4.5 A	70 A	50 W	3.5 V	5.5 V	17.6 nC	2.5 K/W				
726-SPP06N60C3	SPP06N60C3	TO220-3	600 V	0.75	6.2 A	71 A	74 W	2.1 V	3.9 V	24 nC	1.7 K/W				
726-SPP07N60C3	SPP07N60C3	TO220-3	600 V	0.6	7.3 A	72 A	83 W	2.1 V	3.9 V	21 nC	1.5 K/W				
726-SPP07N60S5	SPP07N60S5	TO220-3	600 V	0.6	7.3 A	73 A	83 W	3.5 V	5.5 V	27 nC	1.5 K/W				
726-SPP11N60C3	SPP11N60C3	TO220-3	600 V	0.38	11 A	74 A	125 W	2.1 V	3.9 V	45 nC	1				