

INFINEON Power MOSFETs



This product is RoHS compliant.



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).

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 _D puls (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-SPP07N60CFD	SPP07N60CFD	TO220-3	600 V	0.7	6.6 A	81 A	83 W	3.0 V	5.0 V	35 nC	1.5 K/W				
726-SPP15N60CFD	SPP15N60CFD	TO220-3	600 V	0.33	13.4 A	82 A	156 W	3.0 V	5.0 V	63 nC	0.8 K/W				
726-SPP24N60CFD	SPP24N60CFD	TO220-3	600 V	0.185	21.7 A	55 A	240 W	3.0 V	5.0 V	110 nC	0.52 K/W				
726-SPW11N60C3	SPW11N60C3	TO247-3	600 V	0.38	11 A	33 A	125 W	2.1 V	3.9 V	45 nC	1 K/W				
726-SPW11N60CFD	SPW11N60CFD	TO247-3	600 V	0.44	11 A	28 A	125 W	3.0 V	5.0 V	48 nC	1 K/W				
726-SPW11N60S5	SPW11N60S5	TO247-3	600 V	0.38	11 A	22 A	125 W	3.5 V	5.5 V	41.5 nC	1 K/W				
726-SPW15N60C3	SPW15N60C3	TO247-3	600 V	0.28	15 A	45 A	156 W	2.1 V	3.9 V	63 nC	0.8 K/W				
726-SPW20N60C3	SPW20N60C3	TO247-3	600 V	0.19	20.7 A	62.1 A	208 W	2.1 V	3.9 V	87 nC	0.6 K/W				
726-SPW20N60CFD	SPW20N60CFD	TO247-3	600 V	0.22	20.7 A	52 A	208 W	3.0 V	5.0 V	95 nC	0.6 K/W				
726-SPW20N60S5	SPW20N60S5	TO247-3	600 V	0.19	20 A	40 A	208 W	3.5 V	5.5 V	79 nC	0.6 K/W				
726-SPW24N60C3	SPW24N60C3	TO247-3	600 V	0.16	24.3 A	72.9 A	240 W	2.1 V	3.9 V	104.9 nC	0.52 K/W				
726-SPW24N60CFD	SPW24N60CFD	TO247-3	600 V	0.185	21.7 A	55 A	240 W	3.0 V	5.0 V	110 nC	0.52 K/W				
726-SPW35N60CFD	SPW35N60CFD	TO247-3	600 V	0.118	34 A	85 A	313 W	3.0 V	5.0 V	163 nC	0.4 K/W				
726-SPW47N60C3	SPW47N60C3	TO247-3	600 V	7	47 A	141 A	415 W	2.1 V	3.9 V	252 nC	0.3 K/W				
726-SPW47N60CFD	SPW47N60CFD	TO247-3	600 V	83	46 A	118 A	417 W	3.0 V	5.0 V	248 nC	0.3 K/W				
726-SPW07N60CFD	SPW07N60CFD	TO247-3	600 V	0.7	6.6 A	17 A	83 W	3.0 V	5.0 V	35 nC	1.5 K/W				
726-SPW15N60CFD	SPW15N60CFD	TO247-3	600 V	0.33	13.4 A	33 A	156 W	3.0 V	5.0 V	63 nC	0.8 K/W				
726-SPU01N60C3	SPU01N60C3	TO251-3	600 V	6	0.8 A	1.6 A	11 W	2.1 V	3.9 V	3.9 nC	11 K/W				
726-SPU02N60S5	SPU02N60S5	TO251-3	600 V	3	1.8 A	3.2 A	25 W	3.5 V	5.5 V	7.3 nC	5 K/W				
726-SPU03N60S5	SPU03N60S5	TO251-3	600 V	1.4	3.2 A	5.7 A	38 W	3.5 V	5.5 V	12.4 nC	3.3 K/W				
726-SPU04N60S5	SPU04N60S5	TO251-3	600 V	0.95	4.5 A	0.375-9 A	50 W	3.5 V	5.5 V	17.6 nC	2.5 K/W				
726-SPU07N60S5	SPU07N60S5	TO251-3	600 V	0.6	7.3 A	14.6 A	83 W	3.5 V	5.5 V	27 nC	1.5 K/W				
726-SPS03N60C3	SPS03N60C3	TO251-3	600 V	1.4	3.2 A	9.6 A	38 W	2.1 V	3.9 V	13 nC	3.3 K/W				
726-SPD01N60C3	SPD01N60C3	TO252-3	600 V	6	0.8 A	1.6 A	11 W	2.1 V	3.9 V	3.9 nC	11 K/W				
726-SPD02N60S5	SPD02N60S5	TO252-3	600 V	3	1.8 A	3.2 A	25 W	3.5 V	5.5 V	7.3 nC	5 K/W				
726-SPD03N60S5	SPD03N60S5	TO252-3	600 V	1.4	3.2 A	5.7 A	38 W	3.5 V	5.5 V	12.4 nC	3.3 K/W				
726-SPD04N60C3	SPD04N60C3	TO252-3	600 V	0.95	4.5 A	13.5 A	50 W	2.1 V	3.9 V	19 nC	2.5 K/W				
726-SPD04N60S5	SPD04N60S5	TO252-3	600 V	0.95	4.5 A	9 A	50 W	3.5 V	5.5 V	17.6 nC	2.5 K/W				
726-SPD06N60C3	SPD06N60C3	TO252-3	600 V	0.75	6.2 A	18.6 A	74 W	2.1 V	3.9 V	24 nC	1.7 K/W				
726-SPD07N60S5	SPD07N60S5	TO252-3	600 V	0.6	7.3 A	14.6 A	83 W	3.5 V	5.5 V	27 nC	1.5 K/W				
726-IP160R125CP	IP160R125CP	TO262-3	600 V	0.125	25 A	82 A	208 W	2.5 V	3.5 V	53 nC	0.6 K/W				
726-SPI07N60S5	SPI07N60S5	TO262-3	600 V	0.6	7.3 A	14.6 A	83 W	3.5 V	5.5 V	27 nC	1.5 K/W				
726-SPI11N60S5	SPI11N60S5	TO262-3	600 V	0.38	11 A	22 A	125 W	3.5 V	5.5 V	41.5 nC	1 K/W				
726-SPI15N60C3	SPI15N60C3	TO262-3	600 V	0.28	15 A	45 A	156 W	2.1 V	3.9 V	63 nC	0.8 K/W				
726-SPI20N60C3	SPI20N60C3	TO262-3	600 V	0.19	20.7 A	62.1 A	208 W	2.1 V	3.9 V	87 nC	0.6 K/W				
726-SPI11N60CFD	SPI11N60CFD	TO262-3	600 V	0.44	11 A	28 A	125 W	3.0 V	5.0 V	48 nC	3.8 K/W				
726-SPI15N60CFD	SPI15N60CFD	TO262-3	600 V	0.33	13.4 A	33 A	156 W	3.0 V	5.0 V	63 nC	0.8 K/W				
726-SPI20N60CFD	SPI20N60CFD	TO262-3	600 V	0.22	20.7 A	52 A	208 W	3.0 V	5.0 V	95 nC	0.6 K/W				
726-SPB02N60C3	SPB02N60C3	TO263-3	600 V	3	1.8 A	5.4 A	25 W	2.1 V	3.9 V	9.5 nC	5 K/W				
726-SPB02N60S5	SPB02N60S5	TO263-3	600 V	3	1.8 A	3.2 A	25 W	3.5 V	5.5 V	7.3 nC	5 K/W				
726-SPB03N60C3	SPB03N60C3	TO263-3	600 V	1.4	3.2 A	9.6 A	38 W	2.1 V	3.9 V	13 nC	3.3 K/W				
726-SPB03N60S5	SPB03N60S5	TO263-3	600 V	1.4	3.2 A	5.7 A	38 W	3.5 V	5.5 V	12.4 nC	3.3 K/W				
726-SPB04N60C3	SPB04N60C3	TO263-3	600 V	0.95	4.5 A	13.5 A	50 W	2.1 V	3.9 V	19 nC	2.5 K/W				
726-SPB04N60S5	SPB04N60S5	TO263-3	600 V	0.95	4.5 A	9 A	50 W	3.5 V	5.5 V	17.6 nC	2.5 K/W				
726-SPB07N60C3	SPB07N60C3	TO263-3	600 V	0.6	7.3 A	21.9 A	83 W	2.1 V	3.9 V	21 nC	1.5 K/W				
726-SPB07N60S5	SPB07N60S5	TO263-3	600 V	0.6	7.3 A	14.6 A	83 W	3.5 V	5.5 V	27 nC	1.5 K/W				
726-SPB11N60C3	SPB11N60C3	TO263-3	600 V	0.38	11 A	33 A	125 W	2.1 V	3.9 V	45 nC	1 K/W				
726-SPB11N60S5	SPB11N60S5	TO263-3	600 V	0.38	11 A	22 A	125 W	3.5 V	5.5 V	41.5 nC	1 K/W				
726-SPB20N60S5	SPB20N60S5	TO263-3	600 V	0.19	20 A	40 A	208 W	3.5 V	5.5 V	79 nC	0.6 K/W				
726-IPP60R250CP	IPP60R250CP	TO220-3	650 V	0.25	12 A	40 A	104 W	2.5 V	3.5 V	26 nC	1.2 K/W				
726-SPA15N65C3	SPA15N65C3	TO220-3	650 V	0.28	15 A	45 A	34 W	2.1 V	3.9 V	45 nC	3.8 K/W				
726-SPA20N65C3	SPA20N65C3	TO220-3	650 V	0.19	20.7 A	62.1 A	34.5 W	2.1 V	3.9 V	87 nC	0.15 K/W				
726-SPP07N65C3	SPP07N65C3	TO220-3	650 V	0.6	7.3 A	21.9 A	83 W	2.1 V	3.9 V	21 nC	1.5 K/W				
726-SPP11N65C3	SPP11N65C3	TO220-3	650 V	0.38	11 A	33 A	125 W	2.1 V	3.9 V	45 nC	1 K/W				
726-SPP15N65C3	SPP15N65C3	TO220-3	650 V	0.28	15 A	45 A	156 W	2.1 V	3.9 V	63 nC	0.8 K/W				
726-SPP20N65C3	SPP20N65C3	TO220-3	650 V	0.19	20.7 A	62.1 A	208 W	2.1 V	3.9 V	87 nC	0.6 K/W				
726-SPW47N65C3	SPW47N65C3	TO247-3	650 V	7	47 A	141 A	415 W	2.1 V	3.9 V	255 nC	0.3 K/W				
726-SPI07N65C3	SPI07N65C3	TO262-3	650 V	0.6	7.3 A	21.9 A	83 W	2.1 V	3.9 V	21 nC	1.5 K/W				
726-SPI11N65C3	SPI11N65C3	TO262-3	650 V	0.38	11 A	33 A	125 W	2.1 V	3.9 V	45 nC	1 K/W				
726-SPI15N65C3	SPI15N65C3	TO262-3	650 V	0.28	15 A	45 A	156 W	2.1 V	3.9 V	63 nC	0.8 K/W				
726-SPI20N65C3	SPI20N65C3	TO262-3	650 V	0.19	20.7 A	62.1 A	208 W	2.1 V	3.9 V	87 nC	0.6 K/W				
726-SPP06N80C3	SPP06N80C3	TO220-3	800 V	0.9	6 A	18 A	83 W	2.1 V	3.9 V	27 nC	1.5 K/W				
726-SPP08N80C3	SPP08N80C3	TO220-3	800 V	0.65	8 A	24 A	104 W	2.1 V	3.9 V	40 nC	1.2 K/W				
726-SPW11N80C3	SPW11N80C3	TO247-3	800 V	0.45	11 A	33 A	156 W	2.1 V	3.9 V	58 nC	0.8 K/W				
726-SPD02N80C3	SPD02N80C3	TO252-3	800 V	2.7	2 A	6 A	42 W	2.1 V	3.9 V	9 nC	3 K/W				
726-SPD04N80C3	SPD04N80C3	TO252-3	800 V	1.3	4 A	12 A	63 W	2.1 V	3.9 V	20 nC	2 K/W				

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 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 _D puls (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-IPU13N03LAG	IPU13N03LA G	TO251-3	25 V	12.8	30 A	210 A	46 W	1.2 V	2.0 V	6.3 nC	3.2 K/W				
726-IPD13N03LAG	IPD13N03LA G	TO252-3	25 V	12.8	30 A	210 A	46 W	1.2 V	2.0 V	6.3 nC	3.2 K/W				
726-BSC020N025SG	BSC020N025S G	TDSON-8	25 V	2	100 A	200 A	104 W	1.6 V	1.6 V	50 nC	1.2 K/W				
726-IPD03N03LAG	IPD03N03LA G	TO252-3	25 V	3.2	90 A	360 A	115 W	1.2 V	2.0 V	31 nC	1.3 K/W				