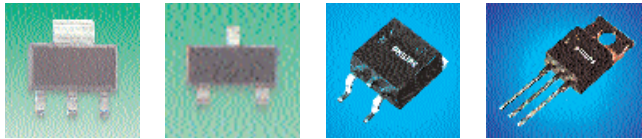


Power MOSFETs — continued

20V – 50V N-Channel PowerMOS

Philips Semiconductors



V _{DS} (V)	R _{DS(on)} (Ω)	V _{GS} (V)	I _D (max.) @ 25°C (A)	PACKAGE			
				SURFACE MOUNT			LEADED
				SOT223	SOT23	D²-PAK (SOT404)	TO220AB (SOT78)
25	0.012	10	69				PHP69N03(L)T
25	0.014	10	55				PHP55N03(L)T
25	0.016	10	50				PHP50N03LT
30	0.005	10	75				PHP130N03(L)T
30	0.0095	10	75				PHP87N03(L)T
30	0.021	10	45			PHP45N03LT	PHP45N03(L)T
30	0.023	10	42				PHP42N03(L)T
30	0.028	10	5.9	PHT6N03(L)T			
30	0.05	10	24				PHP24N03(L)T
30	0.4	10	0.86				
30	0.45	2.5	0.92		BSH103		
50	15	10	0.1		BSN20		

SD6

Mfrs. List No.	Order Code	Price Each				
		1+	25+	100+	250+	1K+
BSH103	163-405					
BSN20	163-510					
PHB45N03LT	935-918					
PHP130N03LT	936-080					
PHP130N03T	935-827					
PHP24N03LT	936-091					
PHP24N03T	164-719					
PHP42N03LT	164-800					
PHP42N03T	164-811					
PHP45N03LT	936-108					
PHP45N03T	935-840					
PHP50N03LT	305-1249					
PHP55N03LT	164-847					
PHP55N03T	164-859					
PHP69N03LT	936-121					
PHP69N03T	935-864					
PHP87N03LT	164-914					
PHP87N03T	164-926					
PHT6N03LT	935-979					
PHT6N03T	935-980					

55V – 60V N-Channel PowerMOS

Philips Semiconductors



V _{DS} (V)	R _{DS(on)} (Ω)	V _{GS} (V)	I _D (max.) @ 25°C (A)	TECHNOLOGY	PACKAGE		
					SURFACE MOUNT		LEADED
					SOT223	SOT23	TO220AB (SOT78)
55	0.007	10	75	TrenchMOS			PHP125N06(L)T
55	0.013	10	75	TrenchMOS			PHP80N06(L)T
55	0.016	10	63	TrenchMOS			PHP65N06LT
55	0.018	10	58	TrenchMOS			PHP60N06(L)T
55	0.022	10	50	TrenchMOS			PHP50N06(L)T
55	0.026	10	44	TrenchMOS			PHP44N06(L)T
55	0.032	10	37	TrenchMOS			PHP37N06(L)T
55	0.04	5	10.7	TrenchMOS	PHT11N06(L)T		
55	0.07	10	21	TrenchMOS			PHP21N06(L)T
55	0.08	5	7.5	TrenchMOS	PHT8N06LT		
55	0.15	5	5.5	TrenchMOS	PHT6N06(L)T		
60	0.6	10	0.7	VDMOS		BSH101	

SD21

Mfrs. List No.	Order Code	Price Each				
		1+	25+	100+	250+	1K+
BSH101	163-387					
PHP125N06LT	936-078					
PHP125N06T	935-815					
PHP21N06LT	164-690					
PHP21N06T	164-707					
PHP37N06LT	164-756					
PHP37N06T	164-768					
PHP44N06LT	164-823					
PHP44N06T	164-835					

continued

Mfrs. List No.	Order Code	Price Each				
		1+	25+	100+	250+	1K+
PHP50N06LT	936-110					
PHP50N06T	935-852					
PHP60N06LT	305-1250					
PHP60N06T	164-872					
PHP65N06LT	164-884					
PHP80N06LT	164-896					
PHP80N06T	164-902					
PHT11N06LT	164-951					
PHT11N06T	935-967					
PHT6N06LT	164-963					
PHT6N06T	164-975					
PHT8N06LT	164-987					

TO-220



intersil

V _{DS} V	R _{ds} (on) max. Ω	I _D cont @ 25°C A	I _{dm} pulsed A	V _{GS} (th) max. (* min) V	P _d @ 25°C W	Mfrs. List No.
N Channel						
30	0.01	70.0	200	4	150	RFP70N03
50	0.12	13.0	48	4	40	BUZ71A
50	0.1	14.0	56	4	40	BUZ71
50	0.04	30.0	120	4	75	BUZ11
50	0.022	50.0	120	4	110	RFP50N05
60	0.022	50.0	120	4	131	RFP50N06
60	0.014	70.0	180	4	150	RFP70N06
100	0.54	5.6	20	4	43	IRF510
100	0.16	14.0	56	4	79	IRF530
100	0.077	28.0	110	4	150	IRF540
100	0.04	40.0	100	4	160	RFP40N10
200	1.5	2.5	10	4	20	IRF610
200	0.4	9.0	36	4	75	IRF630
200	0.18	18.0	72	4	125	IRF640
400	1.0	5.5	22	4	75	IRF730
400	0.55	10.0	40	4	125	IRF740
450	0.85	8.0	32	4	125	IRF841
500	1.5	4.5	18	4	75	IRF830
500	0.85	8.0	32	4	125	IRF840
P Channel						
30	0.02	60.0	500	—	176	RFP60P03
30	0.027	60.0	—	—	176	RF1S60P03*
50	0.3	8.0	20	—	40	RFP8P05
50	0.15	15.0	40	—	80	RFP15P05
50	0.065	30.0	75	—	120	RFP30P05
60	0.075	30.0	75	—	100	RFP30P06
100	0.6	6.0	24	4	40	IRF9520
100	0.3	12.0	48	4	75	IRF9530
100	0.2	19.0	76	4	125	IRF9540
200	0.5	11.0	44	4	125	IRF9640

*Tab-less TO-220

SD100

Mfrs. List No.	Order Code	Price Each				
		1+	25+	100+	250+	1K+
BUZ11	301-0703					
BUZ71	301-0909					
BUZ71A	301-0879					
IRF510	301-0806					
IRF530	301-0752					
IRF540	301-0697					
IRF610	354-405					
IRF630	301-0831					
IRF640	301-0739					
IRF730	301-0910					
IRF740	301-0790					
IRF830	301-0892					
IRF840	301-0740					
IRF841	526-630					
IRF9520	301-0818					
IRF9530	301-0715					
IRF9540	301-0727					
IRF9640	301-0922					
RFP8P05	273-820					
RFP15P05	273-831					
RFP30P05	273-843					
RFP30P06	354-910					
RFP40N10	301-0843					
RFP50N05	250-612					
RFP50N06	516-466					
RFP60P03	646-416					
RFP70N03	291-584					
RFP70N06	526-599					
RF1S60P03	646-428					