

Power MOSFETs - continued

TO-220, N Channel 600V to 1500V - continued

V _{DS} V	R _{DS(on)} Ω	I _D cont. @ 25°C A	I _D pulsed A	P _D @ 25°C W	Mfr.	Mfrs. list No.
900	8	1.7	3.1	54	IR	IRFBF20PBF
1000	2.7	5	—	—	ST	STP5NB100.
1000	3.8	4	12	100	TOSH	2SK1119
1000	4.4	3.8	15.2	125	ST	STP4NB100.
1000	5	3.1	12	125	IR	IRFBG30
1000	5	3.1	12	125	IR	IRFBG30PBF
1000	6	3	12	100	ST	STP3NB100
1000	11.5	1.3	5.2	50	IR	IRFBG20
1000	11.5	1.3	5.2	50	IR	IRFBG20PBF
1500	10	2	4	35	SY	2SK3745.
1000	3.8	4	12	100	TOSH	2SK1119(F)

211277

Mfrs. List No.	Mfr.	Order Code	Price Each			
			1+	25+	100+	250+
BUZ78.	INF	410-9363	141.00	108.00	88.00	--
BUZ80A.	INF	354-181	146.00	118.00	102.00	--
IRFB16N60LPBF	IR	865-7890	323.00	232.00	176.00	152.00
IRFB17N60KPBF	IR	865-7912	265.00	190.00	154.00	140.00
IRFB9N60APBF	IR	864-8808	138.00	99.00	76.00	65.00
IRFBC30	IR	354-776	96.00	80.00	70.00	--
IRFBC30PBF	IR	910-3015	140.00	101.00	77.00	66.00
IRFBC40	IR	357-2572	113.00	91.00	77.00	66.00
IRFBC40APBF	IR	864-8824	113.00	81.00	62.00	53.00
IRFBC40LCPBF	IR	864-8832	222.00	159.00	121.00	104.00
IRFBC40PBF	IR	864-8840	113.00	81.00	62.00	53.00
IRFBE30	IR	168-026	128.00	93.00	83.00	--
IRFBE30PBF	IR	864-8859	154.00	111.00	85.00	73.00
IRFBF20	IR	168-038	82.00	--	--	--
IRFBF20PBF	IR	864-8867	111.00	80.00	61.00	52.00
IRFBF30	IR	168-040	148.00	--	--	--
IRFBF30PBF	IR	864-8883	195.00	140.00	113.00	103.00
IRFBG20	IR	354-788	91.00	75.00	66.00	--
IRFBG20PBF	IR	864-8891	132.00	95.00	72.00	62.00
IRFBG30	IR	168-051	122.00	92.00	77.00	--
IRFBG30PBF	IR	864-8905	132.00	95.00	72.00	62.00
IRFBG30PBF	IR	864-8905	132.00	95.00	72.00	62.00
STP3NB90	ST	332-8510	109.00	83.00	76.00	61.00
STP3NB100	ST	323-9329	148.00	113.00	97.00	80.00
STP3NK60Z	ST	993-5622	44.00	34.00	28.00	20.00
STP3NK90Z.	ST	483-3405	80.00	61.00	49.00	37.00
STP4NB80.	ST	332-8030	143.00	109.00	100.00	80.00
STP4NB100.	ST	323-9330	336.00	257.00	221.00	164.00
STP4NK60Z.	ST	483-3466	78.00	60.00	48.00	37.00
STP5NB80	ST	332-8041	135.00	104.00	89.00	74.00
STP5NK80Z.	ST	483-3491	101.00	78.00	66.00	49.00
STP5NB100.	ST	323-9342	259.00	198.00	170.00	126.00
STP6NB90	ST	332-8053	281.00	215.00	185.00	146.00
STP6NC60.	ST	332-8648	82.00	63.00	54.00	45.00
STP6NK60Z.	ST	483-3521	90.00	69.00	56.00	42.00
STP6NK90Z.	ST	483-3545	132.00	101.00	87.00	64.00
STP7NB60.	ST	498-105	143.00	109.00	94.00	73.00
STP9NK90Z	ST	816-5319	112.00	86.00	78.00	63.00
STP13NK60Z	ST	993-5541	121.00	93.00	80.00	59.00
2SK1119(F)	TOSH	121-8511	294.90	245.22	225.14	162.78
2SK3745.	SY	476-1121	281.00	220.00	172.00	157.00

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V _{DS} V	R _{DS(on)} Ω	I _D cont. @ 25°C A	I _D pulsed A	P _D @ 25°C W	Package/ Pin out	Mfrs. List No.
100	0.29	11.5	46	75	a	FCH FQP12P10
100	0.2	13	52	75	a	IR IRF9530N
100	0.2	13	—	75	a	IR IRF9530NPBF
100	0.3	12	—	—	a	IR IRF9530PBF
100	0.2	19	—	—	a	IR IRF9540PBF
100	0.19	16.5	66	100	a	FCH FQP17P10
100	0.117	19	76	94	a	IR IRF9540N
100	0.117	19	—	94	a	IR IRF9540NPBF
100	0.06	40	140	200	a	IR IRF5210
100	0.06	40	140	200	a	IR IRF5210PBF
150	2.4	0.7	5	2.5	a	IR IRF6217
200	10 (typ)	0.5	—	30	b	REN 2SJ79
200	3	1.75	7	20	a	IR IRF9610
200	3	1.75	7	20	a	IR IRF9610PBF
200	1.5	3.5	14	40	a	IR IRF9620
200	1.5	3.5	14	40	a	IR IRF9620PBF
200	0.8	6.5	26	75	a	IR IRF9630
200	0.8	6.5	—	75	a	IR IRF9630PBF
200	0.5	11	44	125	a	IR IRF9640
200	0.5	11	—	125	a	IR IRF9640PBF
200	0.36	11.5	46	120	a	FCH FQP12P20

Semiconductors - Discretes

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Mfrs. List No.	Order Code	Price Each				
		1+	25+	100+	250+	+
FDP4020P..	358-0647	69.00	57.00	46.00	34.00	--
FQP12P10	NEW 984-6484	36.00	33.00	28.00	23.00	--
FQP12P20	NEW 984-6492	66.00	61.00	51.00	42.00	--
FQP17P10	NEW 984-6514	57.00	48.00	38.00	28.00	--
FQP8P10	NEW 984-6565	27.00	25.00	22.00	18.00	--
IRF4905	706-450	108.00	87.00	76.00	--	--
IRF4905PBF	864-8190	152.00	109.00	83.00	72.00	--
IRF5210	167-915	136.00	113.00	99.00	--	--
IRF5210PBF	864-8247	198.00	142.00	108.00	93.00	--
IRF5305	167-927	102.00	68.00	58.00	--	--
IRF5305PBF	864-8255	115.00	82.00	63.00	54.00	--
IRF6217	NEW 489-6932	32.00	19.00	16.00	15.00	--
IRF9510	259-846	65.00	47.00	42.00	--	--
IRF9510PBF	910-3546	79.00	56.00	43.00	37.00	--
IRF9520N	162-541	58.00	42.00	38.00	33.00	--
IRF9520PBF	910-3554	87.00	62.00	48.00	41.00	--
IRF9520NPBF	910-3520	66.00	47.00	36.00	31.00	--
IRF9530N	934-616	50.00	42.00	36.00	--	--
IRF9530NPBF	NEW 864-8603	73.00	52.00	40.00	34.00	--
IRF9530PBF	NEW 864-8611	82.00	59.00	45.00	39.00	--
IRF9540N	934-628	94.00	78.00	69.00	--	--
IRF9540NPBF	NEW 864-8620	137.00	98.00	75.00	65.00	--
IRF9540PBF	NEW 864-8638	137.00	98.00	75.00	65.00	--
IRF9610	354-740	48.00	--	--	--	--
IRF9610PBF	910-3562	76.00	54.00	42.00	36.00	--
IRF9620	354-752	78.00	64.00	57.00	--	--
IRF9620PBF	910-3570	106.00	76.00	58.00	50.00	--
IRF9630	354-764	83.00	69.00	60.00	--	--
IRF9630PBF	NEW 864-8646	121.00	87.00	66.00	57.00	--
IRF9640	259-858	72.00	60.00	53.00	--	--
IRF9640PBF	NEW 864-8654	104.00	75.00	57.00	49.00	--
IRF9214PBF	NEW 864-8662	66.00	47.00	38.00	35.00	--
IRF9224	259-834	59.00	50.00	44.00	--	--
IRF9224PBF	910-3538	88.00	63.00	48.00	42.00	--
IRF9224N	934-665	49.00	41.00	36.00	--	--
IRF9224NPBF	NEW 864-8670	71.00	51.00	42.00	38.00	--
IRF9234	438-157	88.00	77.00	69.00	--	--
IRF9234N	934-677	74.00	65.00	58.00	--	--
IRF9234NPBF	NEW 864-8689	108.00	77.00	63.00	57.00	--
IRF9234PBF	NEW 864-8697	128.00	92.00	74.00	68.00	--
NDP6020P..	932-814	118.00	95.00	71.00	47.00	--
SPP08P06P	105-6548	55.00	42.00	34.00	--	--
SPP18P06P	105-6550	84.00	64.00	52.00	--	--
SUP65P06-20.	549-216	363.00	290.00	254.00	218.00	--
SUP65P06-20	955-1565	363.00	290.00	254.00	218.00	--
SUP75P03-07.	334-5336	314.00	252.00	220.00	189.00	--
SUP75P05-08.	334-5348	377.00	301.00	264.00	226.00	--
2SJ79	355-033	267.00	178.00	145.00	119.00	--
2SJ172	739-467	295.00	194.00	153.00	90.00	--

TO-220, P Channel



Package/ Pin Out	1	2	3
(a) TO-220	g	d/tab	s
(b) TO-220	g	s/tab	d

V _{DS} V	R _{DS(on)} Ω	I _D cont. @ 25°C A	I _D pulsed A	P _D @ 25°C W	Package/ Pin out	Mfrs. List No.
20	0.08	16	—	37.5	a	FCH FDP4020P..
20	0.07	24	—	50	a	FCH NDP6020P..
30	0.007	70	240	187	a	SLX SUP75P03-07.
50	0.008	75	240	250	a	SLX SUP75P05-08.
55	0.172	12	48	45	a	IR IRF9224N
60	0.28	9.7	39	40	a	IR IRF9224PBF
55	0.172	12	—	45	a	IR IRF9224NPBF
55	0.1	17	68	56	a	IR IRF9234N
55	0.1	17	—	56	a	IR IRF9234NPBF
55	0.06	31	110	110	a	IR IRF5305
55	0.06	31	—	110	a	IR IRF5305PBF
55	0.02	64	260	150	a	IR IRF4905
55	0.02	64	—	150	a	IR IRF4905PBF
60	0.5	4.7	—	20	a	IR IRF9214PBF
60	0.3	8.8	35.2	42	a	INF SPP08