

TYPE NO	CONSTRUCTION	PACKAGE & PINOUT	V <sub>DS</sub>			P <sub>TOT</sub>	V <sub>GS(OFF)</sub> or V <sub>GS(TH)</sub>		I <sub>DSS</sub> or I <sub>D(OH)</sub>	G <sub>FS</sub>	R <sub>DS(ON)</sub>	C <sub>ISS</sub>	C <sub>RSS</sub>	USE	MNF	SUBSTITUTE
			MAX	MAX	MAX		MAX	MAX								
BTS130	NME	TO220 Dd	50V	27A	150C	75WC	2.5/3.5V	10µA	8Smn	OR05	1N25	270P	IHS	SIE	TEMPFET	
BTS131	NME	TO220 Dd	50V	25A	150C	75WC	1.5/2.5V	10µA	12Smn	OR06	1N4	300P	IHS	SIE	TEMPFET	
BTS132	NME	TO220 Dd	60V	24A	150C	75WC	1.5/2.5V	10µA	12Smn	OR05	1N4	300P	IHS	SIE	TEMPFET	
BTS136	NME	S34 D	50V	27A	150C	75WC	2.5/3.5V	10µA	8Smn	OR05	1N25	270P	IHS	SIE	TEMPFET	
BTS140A	NME	TO220 Dd	50V	39A	150C	75WC	2.5/3.5V	1µA	12Smn	RO28	2N4	450P	IHS	SIE	TEMPFET	
BTS240A	NME	TO218 Dd	50V	58A	150C	170WC	2.5/3.5V	10µA	20Smn	RO18	4N3	800P	IHS	SIE	TEMPFET	
BTS4xx		SOT263														
BTS5xx		TO218/5													(SWITCH)	
BTS903	PME	SOT263	200V	3.6A	150C	50WC	2.5/3.5V	10µA	1.5Smn	1R5	1N2	230P	IHS	SIE	TEMPFET	
BTS950	PME	TO218/5	500V	9A	150C	125WC	2.1/4.0V	250µA	2.7Smn	OR8	4N9	170P	IHS	SIE	TEMPFET	
BUK416-100AE	NME	SOT227 Fs	100V	110A	150C	310WC	2.1/4V	50µA	50Smn	RO13	10N	1N0	IHS	PHI	-	
BUK416-100BE	NME	SOT227 Fs	100V	100A	150C	310WC	2.1/4V	50µA	50Smn	RO16	10N	1N0	IHS	PHI	-	
BUK416-200AE	NME	SOT227 Fs	200V	63A	150C	310WC	2.1/4V	50µA	30Smn	RO35	10N	500P	IHS	PHI	-	
BUK416-200BE	NME	SOT227 Fs	200V	55A	150C	310WC	2.1/4V	50µA	30Smn	RO45	10N	500P	IHS	PHI	-	
BUK416-1000AE	NME	SOT227 Fs	1000V	12.2A	150C	310WC	2.1/4V	100µA	10Smn	OR8	6N25	250P	IHS	PHI	-	
BUK416-1000BE	NME	SOT227 Fs	1000V	10.9A	150C	310WC	2.1/4V	100µA	10Smn	1R0	6N25	250P	IHS	PHI	-	
BUK417-500AE	NME	SOT227 Fs	500V	32A	150C	310WC	2.1/4V	100µA	15Smn	RO13	9N0	600P	IHS	PHI	-	
BUK417-500BE	NME	SOT227 Fs	500V	28A	150C	310WC	2.1/4V	100µA	15Smn	RO16	9N0	600P	IHS	PHI	-	
BUK426-60A	NME	SOT199 D	60V	30A	150C	45WC	2.1/4V	10µA	17Smn	RO28	2N0	400P	IHS	PHI	-	
BUK426-60B	NME	SOT199 D	60V	30A	150C	45WC	2.1/4V	10µA	17Smn	OR03	2N0	400P	IHS	PHI	-	
BUK426-100A	NME	SOT199 D	100V	20A	150C	45WC	2.1/4V	10µA	12Smn	RO57	2N0	200P	IHS	PHI	-	
BUK426-100B	NME	SOT199 D	100V	19A	150C	45WC	2.1/4V	10µA	12Smn	RO65	2N0	200P	IHS	PHI	-	
BUK426-200A	NME	SOT199 D	200V	11A	150C	45WC	2.1/4V	10µA	8.5Smn	RO16	2N0	100P	IHS	PHI	-	
BUK426-200B	NME	SOT199 D	200V	10A	150C	45WC	2.1/4V	10µA	8.5Smn	OR02	2N0	100P	IHS	PHI	-	
BUK426-800A	NME	SOT199 D	800V	2.4A	150C	45WC	2.1/4V	20µA	3Smn	3R0	1N25	50P	IMS	PHI	-	
BUK426-800B	NME	SOT199 D	800V	2.1A	150C	45WC	2.1/4V	20µA	3Smn	4R0	1N25	50P	IMS	PHI	-	
BUK426-1000A	NME	SOT199 D	1000V	2.1A	150C	45WC	2.1/4V	20µA	3Smn	4R0	1N25	50P	IMS	PHI	STHV102FI	
BUK426-1000B	NME	SOT199 D	1000V	1.9A	150C	45WC	2.1/4V	20µA	3Smn	5R0	1N25	50P	IMS	PHI	-	
BUK427-400A	NME	SOT199 D	400V	6.9A	150C	45WC	2.1/4V	20µA	5Smn	OR4	1N8	120P	IHS	PHI	-	
BUK427-400B	NME	SOT199 D	400V	6.2A	150C	45WC	2.1/4V	20µA	5Smn	OR5	1N8	120P	IHS	PHI	-	
BUK427-500A	NME	SOT199 D	500V	5.6A	150C	45WC	2.1/4V	20µA	5Smn	OR6	1N8	120P	IHS	PHI	-	
BUK427-500B	NME	SOT199 D	500V	4.8A	150C	45WC	2.1/4V	20µA	5Smn	OR8	1N8	120P	IMS	PHI	-	
BUK427-600A	NME	SOT199 D	600V	4.3A	150C	45WC	2.1/4V	20µA	5Smn	1R0	1N8	120P	IMS	PHI	-	
BUK427-600B	NME	SOT199 D	600V	3.9A	150C	45WC	2.1/4V	20µA	5Smn	1R2	1N8	120P	IMS	PHI	-	
BUK428-500A	NME	SOT199 D	500V	6.8A	150C	45WC	2.1/4V	20µA	9Smn	OR4	2N8	200P	IHS	PHI	-	
BUK428-500B	NME	SOT199 D	500V	6.1A	150C	45WC	2.1/4V	20µA	9Smn	OR5	2N8	200P	IHS	PHI	-	
BUK428-800A	NME	SOT199 D	800V	3.4A	150C	45WC	2.1/4V	50µA	3Smn	1R5	3N5	250P	IMS	PHI	-	
BUK428-800B	NME	SOT199 D	800V	3.0A	150C	45WC	2.1/4V	50µA	3Smn	2R0	3N5	250P	IMS	PHI	-	
BUK428-1000A	NME	SOT199 D	1000V	2.9A	150C	45WC	2.1/4V	50µA	2.5Smn	2R0	3N5	250P	IMS	PHI	-	
BUK428-1000B	NME	SOT199 D	1000V	2.6A	150C	45WC	2.1/4V	50µA	2.5Smn	2R6	3N5	250P	IMS	PHI	-	
BUK436-60A	NME	SOT93 Dd	60V	50A	150C	125WC	2.1/4V	10µA	17Smn	RO28	2N0	400P	IHS	PHI	-	
BUK436-60B	NME	SOT93 Dd	60V	46A	150C	125WC	2.1/4V	10µA	17Smn	RO33	2N0	400P	IHS	PHI	-	
BUK436-100A	NME	SOT93 Dd	100V	33A	150C	125WC	2.1/4V	10µA	12Smn	RO57	2N0	200P	IHS	PHI	-	
BUK436-100B	NME	SOT93 Dd	100V	31A	150C	125WC	2.1/4V	10µA	12Smn	RO65	2N0	200P	IHS	PHI	-	
BUK436-200A	NME	SOT93 Dd	200V	19A	150C	125WC	2.1/4V	10µA	8.5Smn	OR16	2N0	100P	IHS	PHI	IRFP240	
BUK436-200B	NME	SOT93 Dd	200V	17A	150C	125WC	2.1/4V	10µA	8.5Smn	OR2	2N0	100P	IHS	PHI	-	
BUK436-800A	NME	SOT93 Dd	800V	4A	150C	125WC	2.1/4V	20µA	3Smn	3R0	1N25	50P	IMS	PHI	STH4N80	
BUK436-800B	NME	SOT93 Dd	800V	3.5A	150C	125WC	2.1/4V	20µA	3Smn	4R0	1N25	50P	IMS	PHI	-	
BUK436-1000A	NME	SOT93 Dd	1000V	3.1A	150C	125WC	2.1/4V	20µA	3Smn	4R0	1N25	50P	IMS	PHI	STHV102	
BUK436-1000B	NME	SOT93 Dd	1000V	3.1A	150C	125WC	2.1/4V	20µA	3Smn	5R0	1N25	50P	IMS	PHI	-	
BUK437-400A	NME	SOT93 Dd	400V	14A	150C	180WC	2.1/4V	20µA	5Smn	OR4	1N8	120P	IHS	PHI	-	
BUK437-400B	NME	SOT93 Dd	400V	12A	150C	180WC	2.1/4V	20µA	5Smn	OR5	1N8	120P	IHS	PHI	-	
BUK437-500A	NME	SOT93 Dd	500V	11A	150C	180WC	2.1/4V	20µA	5Smn	OR6	1N8	120P	IHS	PHI	BUZ353	
BUK437-500B	NME	SOT93 Dd	500V	10A	150C	180WC	2.1/4V	20µA	5Smn	OR8	1N8	120P	IHS	PHI	-	
BUK437-600A	NME	SOT93 Dd	600V	9A	150C	180WC	2.1/4V	20µA	5Smn	1R0	1N8	120P	IHS	PHI	-	
BUK437-600B	NME	SOT93 Dd	600V	7.8A	150C	180WC	2.1/4V	20µA	5Smn	1R2	1N8	120P	IHS	PHI	-	
BUK438-500A	NME	SOT93 Dd	500V	15A	150C	220WC	2.1/4V	20µA	9Smn	OR4	2N8	200P	IHS	PHI	-	
BUK438-500B	NME	SOT93 Dd	500V	13.5A	150C	220WC	2.1/4V	20µA	9Smn	OR5	2N8	200P	IHS	PHI	-	
BUK438-800A	NME	SOT93 Dd	800V	7.6A	150C	220WC	2.1/4V	50µA	3Smn	1R5	3N0	200P	IHS	PHI	-	
BUK438-800B	NME	SOT93 Dd	800V	6.6A	150C	220WC	2.1/4V	50µA	3Smn	2R0	3N0	200P	IHS	PHI	-	
BUK438-1000A	NME	SOT93 Dd	1000V	6.5A	150C	220WC	2.1/4V	50µA	2.5Smn	2R0	3N5	250P	IHS	PHI	-	
BUK438-1000B	NME	SOT93 Dd	1000V	5.7A	150C	220WC	2.1/4V	50µA	2.5Smn	2R6	3N5	250P	IHS	PHI	-	
BUK439-60A	NME	SOT93 Dd	60V	50A	150C	230WC	2.1/4V	10µA	30Smn	RO13	6N5	1N5	IHS	PHI	-	
BUK441-60A	NME	SOT186 D	60V	5A	150C	20WC	2.1/4V	10µA	1.5Smn	OR4	240P	50P	IMS	PHI	-	
BUK441-60B	NME	SOT186 D	60V	4.8A	150C	20WC	2.1/4V	10µA	1.5Smn	OR5	240P	50P	IMS	PHI	-	
BUK441-100A	NME	SOT186 D	100V	3A	150C	20WC	2.1/4V	10µA	1.3Smn	OR5	240P	25P	IMS	PHI	-	
BUK441-100B	NME	SOT186 D	100V	3A	150C	20WC	2.1/4V	10µA	1.3Smn	OR1	240P	25P	IMS	PHI	-	
BUK442-60A	NME	SOT186 D	60V	10A	150C	22WC	2.1/4V	10µA	3.5Smn	OR13	500P	100P	IHS	PHI	-	
BUK442-60B	NME	SOT186 D	60V	9.2A	150C	22WC	2.1/4V	10µA	3.5Smn	OR15	500P	100P	IHS	PHI	-	
BUK442-100A	NME	SOT186 D	100V	6.2A	150C	22WC	2.1/4V	10µA	3Smn	OR22	500P	50P	IHS	PHI	-	
BUK442-100B	NME	SOT186 D	100V	6.1A	150C	22WC	2.1/4V	10µA	3Smn	OR3	500P	50P	IHS	PHI	-	
BUK443-60A	NME	SOT186 D	60V	13A	150C	25WC	2.1/4V	10µA	4.5Smn	OR08	825P	160P	IHS	PHI	-	
BUK443-60B	NME	SOT186 D	60V	12A	150C	25WC	2.1/4V	10µA	4.5Smn	OR1	825P	160P	IHS	PHI	-	
BUK443-100A	NME	SOT186 D	100V	9A	150C	25WC	2.1/4V	10µA	4Smn	OR16	825P	100P	IHS	PHI	-	
BUK443-100B	NME	SOT186 D	100V	8A	150C	25WC	2.1/4V	10µA	4Smn	OR2	825P	100P	IHS	PHI	-	