BV_{DSS} below 40V (Preliminary Data)

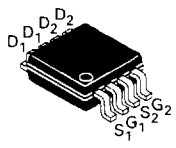
The performance of this range of HDMOS devices has been optimised for low on-resistance and fast switching. The devices are targeted for use in switching applications within the portable equipment market. the small surface mount packages available for this range make then ideal in applications when space is at a premium. Typical functions that will benefit from these devices include DC-DC conversion, motor control, battery and power management and load switching.

Part No.	BV_{DSS} V	I_D A	P_D W	$R_{DS(on)}$ Ω Max	at V_{GS}	$R_{DS(on)}$ Ω Max	at V_{GS} V	Config.	Package
ZXM64N03X	30	3.9	1.8	0.035	10	0.060	4.5	single	MSOP8
ZXM62N03E6	30	2.2	1.7	0.1	10	0.2	4.5	single	SOT23-6
ZXMD63N03X	30	1.8	1.25	0.135	10	0.222	4.5	dual	MSOP8
ZXM61N03F	30	1.2	0.625	0.2	10	0.4	4.5	single	SOT23
ZXM64N02X	20	3.9	1.8	0.035	4.5	0.050	2.7	single	MSOP8
ZXM62N02E6	20	2.2	1.7	0.1	4.5	0.17	2.7	single	SOT23-6
ZXMD63N02X	20	1.8	1.25	0.135	4.5	0.2	2.7	dual	MSOP8
ZXM61N02F	20	1.2	0.625	0.2	4.5	0.35	2.7	single	SOT23

Note:
1) 30V devices have ± 20V gate-source rating and 20V devices have ± 12V gate-source ratings.

TSSOP8, SO8, and SOT223 packaged parts to follow

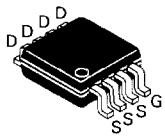
MSOP8 Dual



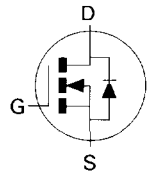
SOT23-6

SOT23

MSOP8



N-Channel



Tape and Reel Information - see section 12 ➤

ZETEX