

Section 3: MOSFETs

P-Channel Devices

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 them 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.

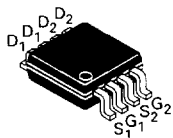
Part No.	BV_{DSS} V	I_D A	P_D W	$R_{DS(on)}$ at V_{GS}		$R_{DS(on)}$ at V_{GS}		Config.	Package
				Ω Max	at V	Ω Max	at V		
ZXM64P03X	-30	-2.4	1.8	0.09	-10	0.15	-4.5	single	MSOP8
ZXM62P03E6	-30	-1.6	1.7	0.2	-10	0.4	-4.5	single	SOT23-6
ZXMD63P03X	-30	-1.2	1.25	0.27	-10	0.45	-4.5	dual	MSOP8
ZXM61P03F	-30	-0.8	0.625	0.6	-10	1.0	-4.5	single	SOT23
ZXM64P02X	-20	-2.4	1.8	0.09	-4.5	0.13	-2.7	single	MSOP8
ZXM62P02E6	-20	-1.6	1.7	0.2	-4.5	0.375	-2.7	single	SOT23-6
ZXMD63P02X	-20	-1.2	1.25	0.27	-4.5	0.4	-2.7	dual	MSOP8
ZXM61P02F	-20	-0.8	0.625	0.6	-4.5	0.4	-2.7	single	SOT23

Note:

1) 30V devices have $\pm 20V$ gate-source rating and 20V devices have $\pm 12V$ gate-source ratings.

TSSOP8, SO8, and SOT223 packaged parts to follow

MSOP8 Dual



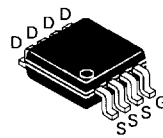
SOT23-6



SOT23



MSOP8



P-Channel

