

				New Products		Current Products	
Part number				XPJR6604PB	XPJ1R004PB	TKR74F04PB	TK1R4S04PB
Polarity				N-channel			
Series				U-MOS IX-H			
Package	Name			S-TOGL™		TO-220SM(W)	DPAK+
	Size (mm)		typ.	7.0×8.44, t=2.3		10.0×13.0, t=3.5	6.5×9.5, t=2.3
Absolute maximum ratings	Drain-source voltage V_{DSS} (V)			40			
	Drain current (DC) I_D (A)			200	160	250	120
	Drain current (pulsed) I_{DP} (A)			600	480	750	240
	Channel temperature T_{ch} (°C)			175			
Electric characteristics	Drain-source On-resistance $R_{DS(ON)}$ (mΩ)	$V_{GS}=10V$	max	0.66	1.0	0.74	1.35
	Channel-to-case thermal impedance $Z_{th(ch-c)}$ (°C/W)	$T_c=25°C$	max	0.4	0.67	0.4	0.83