

Main Specifications

(T_a=25°C)

Part number		TK065U65Z	TK090U65Z	TK110U65Z	TK155U65Z	TK190U65Z
Package	Name	TOLL				
	Size typ. (mm)	9.9x11.68, t:2.3				
Absolute maximum ratings	Drain-source voltage V _{DS} (V)	650				
	Drain current (DC) I _D (A)	38	30	24	18	15
Drain-source On-resistance R _{DS(ON)} max (Ω) @V _{GS} =10V		0.065	0.09	0.11	0.155	0.19
Total gate charge Q _g typ. (nC)		62	47	40	29	25
Gate-drain charge Q _{gd} typ. (nC)		17	12	11	8	7.1
Input capacitance C _{iss} typ. (pF)		3650	2780	2250	1635	1370
Channel-to-case thermal resistance R _{th(ch-c)} max (°C/W)		0.462	0.543	0.657	0.833	0.961
Conventional series (DTMOSIV) Part number		-	-	-	TK20G60W ^[6]	TK16G60W ^[6]
Sample Check & Availability		Buy Online	Buy Online	Buy Online	Buy Online	Buy Online