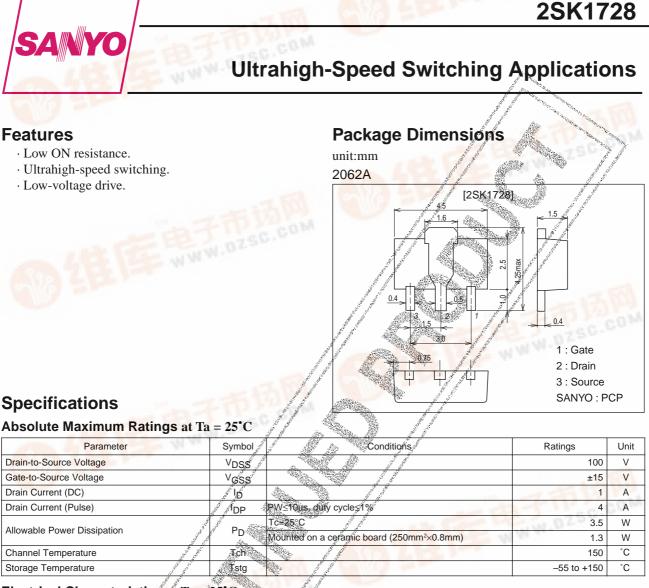




N-Channel Silicon MOSFET



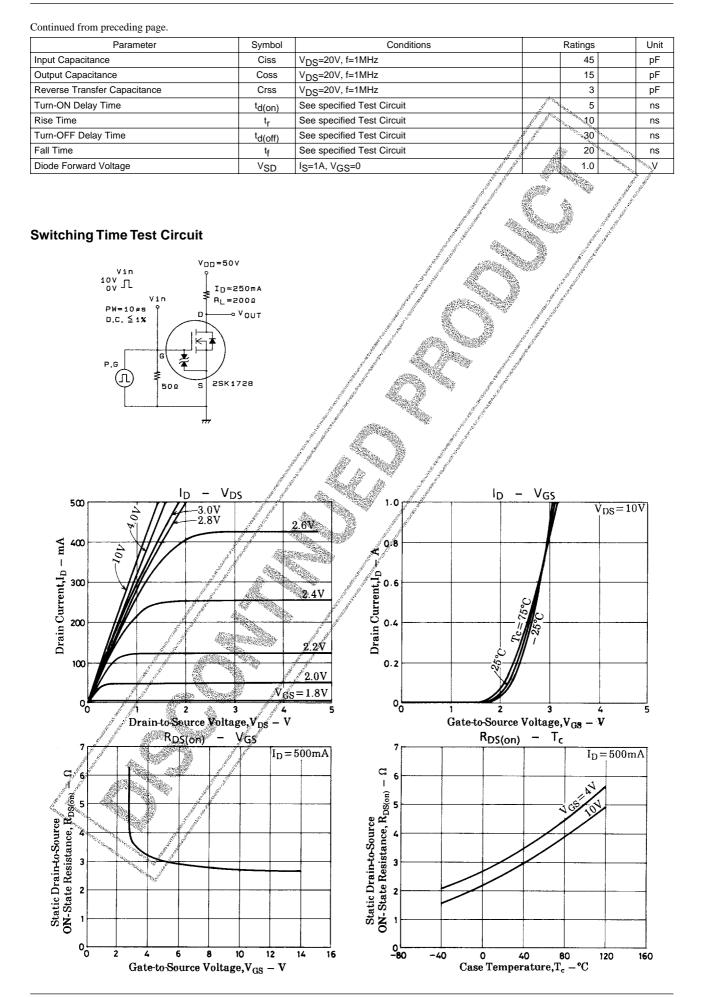
## Electrical Characteristics at Ta = 25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	Unit
Drain-to-Source Breakdown∳Voftage	V(BR)DSS	<sup>™</sup> Ip=1mA, V <sub>GS</sub> =0	100			V
Zero-Gate Voltage Drain Current	IDSS/	V <sub>DS</sub> =100V, V <sub>GS</sub> =0			100	μA
Gate-to-Source Leakage Current	IGSS	V <sub>GS</sub> =±12V, V <sub>DS</sub> =0		-	±10	μA
Cutoff Voltage	VGS(øff)	V <sub>DS</sub> =10V, I <sub>D</sub> =1mA	1.0	-	2.0	V
Forward Transfer Admittance	j∕∥yfs∣	V <sub>DS</sub> =10V, I <sub>D</sub> =500mA	0.6	1.0	190.	S
Static Drain-to-Source ON State Resistance	RDS(on)	I <sub>D</sub> =500mA, V <sub>GS</sub> =10V	W W	2.7	3.5	Ω
Static Drain-to-Source ON-State Resistance	R <sub>DS(on)</sub>	I <sub>D</sub> =500mA, V <sub>GS</sub> =4V		3.2	4.2	Ω

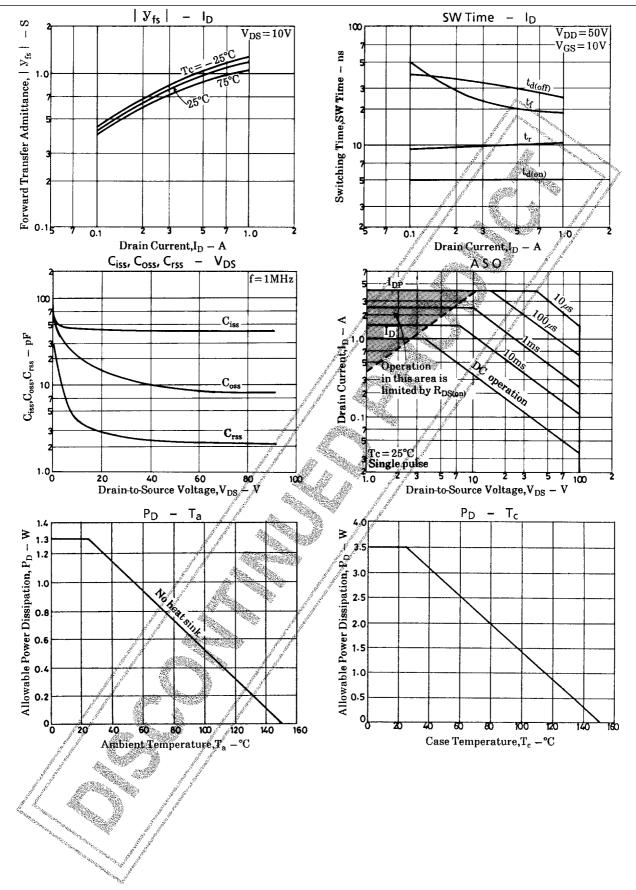
Continued on next page.

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