

SPEC SHEET (FOR REFERENCE)	SHEET No.  G05094A	Rev.  2	Page.  1 of 1
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TYPE:6PT2006N1T * *	
CHIP SIZE	0.23 * 0.23mm
WAFER SIZE	6 inch

Maximum Ratings (Ta=25°C)

Characteristics	Symbol	Ratings	Unit
Drain-Source voltage	VDSS	50	V
Gate-Source voltage	VGSS	±8	V

WAFER PROBING SPEC (Ta=25°C)

TEST NO.	MODE	LIMIT			UNIT	CONDITION
		MIN	Typ	MAX		
1	IGSS			5	uA	VGS=±8.0V, VDS=0V
2	IDSS			500	nA	VDS=50V, VGS=0V
3	BVDSS	53			V	ID=1mA, VGS=0V
4	Vth	0.4		1.3	V	ID=100uA, VDS=10V
5	RDS(on) 1		6	7.8	Ω	ID=50mA, VGS=4.0V
6	RDS(on) 2		7	9.9	Ω	ID=30mA, VGS=2.5V
7	RDS(on) 3		10.5	20.0	Ω	ID=10mA, VGS=1.5V
8	VSD			1.2	V	IS=100mA, VGS=0V

\* ESD Protected (350V)