

SPEC SHEET (FOR REFERENCE)	SHEET No. G05068A	Rev. 0	Page. 1 of 1
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TYPE:6PT2303N3A * *	
CHIP SIZE	0.56 * 0.43mm
WAFER SIZE	6 inch

Maximum Ratings (Ta=25°C)

Characteristics	Symbol	Ratings	Unit
Drain-Source voltage	VDSS	30	V
Gate-Source voltage	VGSS	±20	V

WAFER PROBING SPEC (Ta=25°C)

TEST NO.	MODE	LIMIT			UNIT	CONDITION
		MIN	Typ	MAX		
1	VGSS	±21			V	IG=±10uA, VDS=0V
2	IGSS			±10	uA	VGS=±20.0V, VDS=0V
3	IDSS			500	nA	VDS=30.0V, VGS=0V
3	BVDSS	33			V	ID=250uA, VGS=0V
4	Vth1	1		2.5	V	ID=250uA, VGS=VDS
5	Vth2	1		2.5	V	ID=1mA, VGS=VDS
5	RDS(on) 1		0.15	0.24	Ω	ID=1.4A, VGS=10V
6	RDS(on) 2		0.25	0.35	Ω	ID=1.4A, VGS=4.5V
7	RDS(on) 3		0.28	0.38	Ω	ID=1.4A, VGS=4.0V
8	VSD	0.5		1.1	V	IS=200mA, VGS=0V
9	YFS	200			mS	ID=500mA, VDS=10V

※Built in ZD between Gate and Source