

SPEC SHEET (FOR REFERENCE)	SHEET No. G05058A	Rev. 1	Page. 1 of 1
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TYPE:6PT2303N1A * *	
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	±8	V

WAFER PROBING SPEC (Ta=25°C)

TEST NO.	MODE	LIMIT			UNIT	CONDITION
		MIN	Typ	MAX		
1	VGSS			±10	V	IG=10uA
2	IGSS			±3	uA	VGS=±8.0V, VDS=0V
3	IDSS			500	nA	VDS=20.0V, VGS=0V
4	BVDSS	32			V	ID=250uA, VGS=0V
5	Vth	0.5		1.5	V	ID=250uA, VGS=VDS
6	RDS(on)1		0.2	0.3	Ω	ID=1.5A, VGS=4.5V
7	RDS(on)2			0.35	Ω	ID=500mA, VGS=3.0V
8	RDS(on)3		0.3	0.4	Ω	ID=500mA, VGS=2.5V
9	VSD	0.5		1.1	V	IS=100mA, VGS=0V

※Built in ZD between Gate and Source