

SPEC SHEET (FOR REFERENCE)	SHEET No. G05067A	Rev. 0	Page. 1 of 1
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TYPE:6PT2302N6A * *	
CHIP SIZE	0.56 * 0.43mm
WAFER SIZE	6 inch

Maximum Ratings (Ta=25°C)

Characteristics	Symbol	Ratings	Unit
Drain-Source voltage	VDSS	20	V
Gate-Source voltage	VGSS	±12	V

WAFER PROBING SPEC (Ta=25°C)

TEST NO.	MODE	LIMIT			UNIT	CONDITION
		MIN	Typ	MAX		
1	VGSS	±13			V	IG=±10uA, VDS=0V
2	IGSS 1			±10	uA	VGS=±12.0V, VDS=0V
3	IGSS 2			±3	uA	VGS=±8.0V, VDS=0V
4	IGSS 3			±500	nA	VGS=±4.50V, VDS=0V
5	IDSS			1	uA	VDS=20.0V, VGS=0V
6	BVDSS	23.0			V	ID=250uA, VGS=0V
7	VTH	0.6		1.3	V	ID=250uA, VGS=VDS
8	RDS(on) 1		0.13	0.25	Ω	ID=600mA, VGS=4.5V
9	RDS(on) 2		0.22	0.5	Ω	ID=500mA, VGS=2.5V
10	RDS(on) 3		0.4	1	Ω	ID=150mA, VGS=1.8V
11	VSD	0.5		1.1	V	IS=200mA, VGS=0V
12	YFS	200			mS	ID=500mA, VDS=10V

※Built in ZD between Gate and Source