

SPEC SHEET (FOR REFERENCE)	SHEET No. G05032A	Rev. 1	Page. 1 of 1
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TYPE:6PT1802N1T * *

CHIP SIZE	0.80 * 0.80mm
WAFER SIZE	6 inch

Maximum Ratings (Ta=25°C)

Characteristics	Symbol	Ratings	Unit
Drain-Source voltage	VDSS	20	V
Gate-Source voltage	VGSS	±8	V

WAFER PROBING SPEC (Ta=25°C)

TEST NO.	MODE	LIMIT			UNIT	CONDITION
		MIN	Typ	MAX		
1	IGSS			±2	uA	VGS=±8.0V, VDS=0V
2	IDSS			500	nA	VDS=20.0V, VGS=0V
3	BVDSS	23.0			V	ID=250uA
4	Vth	0.45		1.0	V	ID=250uA
5	RDS(on) 1		0.045	0.07	Ω	ID=0.95A, VGS=4.5V
6	RDS(on) 2		0.06	0.1	Ω	ID=0.67A, VGS=2.5V
7	RDS(on) 3		0.11	0.2	Ω	ID=0.67A, VGS=1.8V
8	VSD			0.9	V	IS=0.67A, VGS=0V

※Built in ZD between Gate and Source