

SPEC SHEET	SHEET No.  G05073A	Rev.  0	Page.  1 of 1
------------	--------------------------	---------------	---------------------

TYPE:6PT2402N1T * *	
CHIP SIZE	1.29 * 0.94mm
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)

No	MODE	LIMIT			UNIT	CONDITIONS
		MIN.	Typ	MAX.		
1	VGSS1	10		—	V	IG=10uA, VDS=0V
2	VGSS2	-10		—	V	IG=-10uA, VDS=0V
3	IGSS 1	—		500	nA	VGS=+5.0V, VDS=0V
4	IGSS 2	—		-500	nA	VGS=-5.0V, VDS=0V
5	IGSS 3	—		1	μA	VGS=+8.0V, VDS=0V
6	IGSS 4	—		-1	μA	VGS=-8.0V, VDS=0V
7	IDSS	—		500	nA	VDS=20.0V, VGS=0V
8	BVDSS	22.0		—	V	ID=100μA, VGS=0V
9	Vth	0.53	0.77	1	V	VDS=10V, ID=1.0mA
10	RDS(on)1	—	0.02	0.035	Ω	ID=2.0A, VGS=4.5V
11	RDS(on)2	—	0.03	0.045	Ω	ID=2.0A, VGS=2.5V
12	RDS(on)3	—	0.04	0.1	Ω	ID=1.8A, VGS=1.8V
13	VSD	—		1.1	V	IS=2A, VGS=0V
14	Yfs	0.5		—	S	VDS=10V, ID=0.5A

※Built in ZD between Gate and Source