

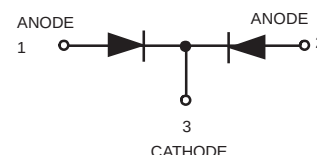
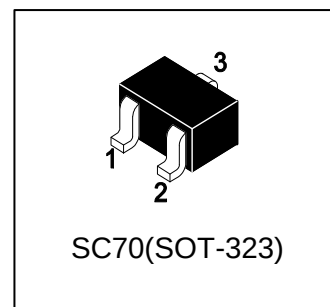
LDAN202UT1G

S-LDAN202UT1G

Dual Serise Switching Diodes

1. FEATURES

- Ultra high speed switching
- Suitable for high packing density layout.
- High reliability.
- We declare that the material of product compliance with RoHS requirements and Halogen Free.
- S- prefix for automotive and other applications requiring unique site and control change requirements; AEC-Q101 qualified and PPAP capable.



2. DEVICE MARKING AND RESISTOR VALUES

Device	Marking	Shipping
LDAN202UT1G	N	3000/Tape&Reel
LDAN202UT3G	N	10000/Tape&Reel

3. MAXIMUM RATINGS(Ta = 25°C)

Parameter	Symbol	Limits	Unit
Reverse Voltage	VR	80	V
Forward Current	IO	100	mA
Peak Forward Surge Current	IFSM	300	mA

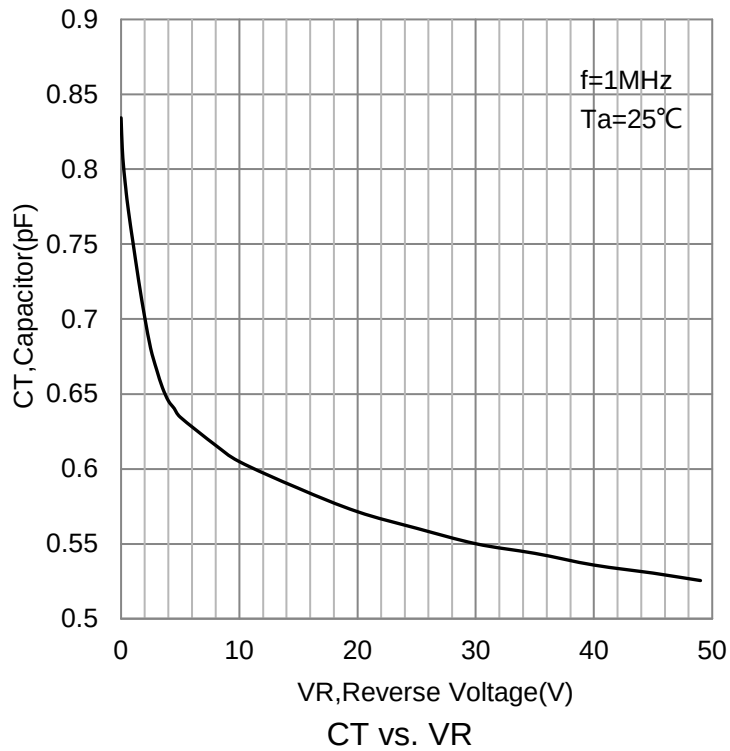
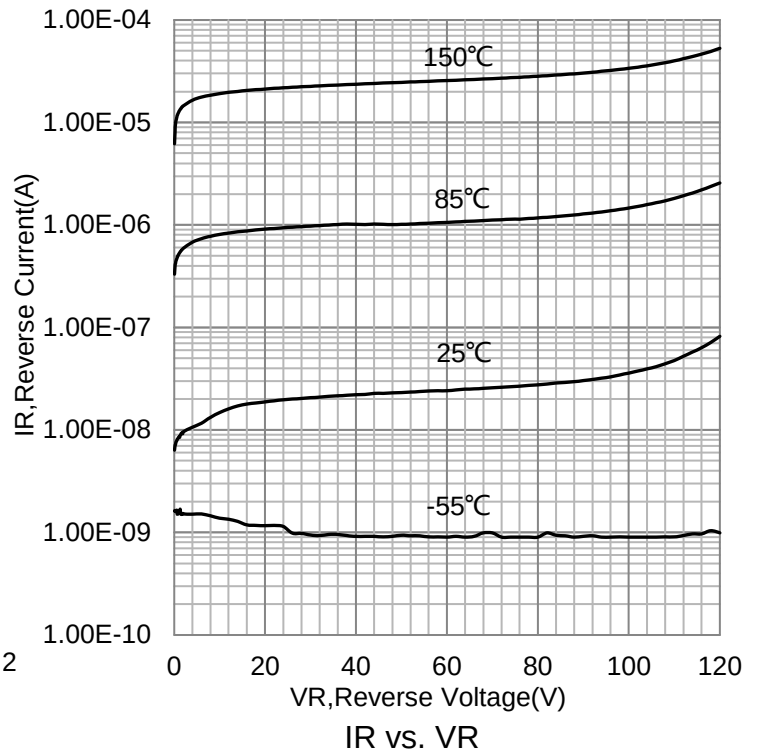
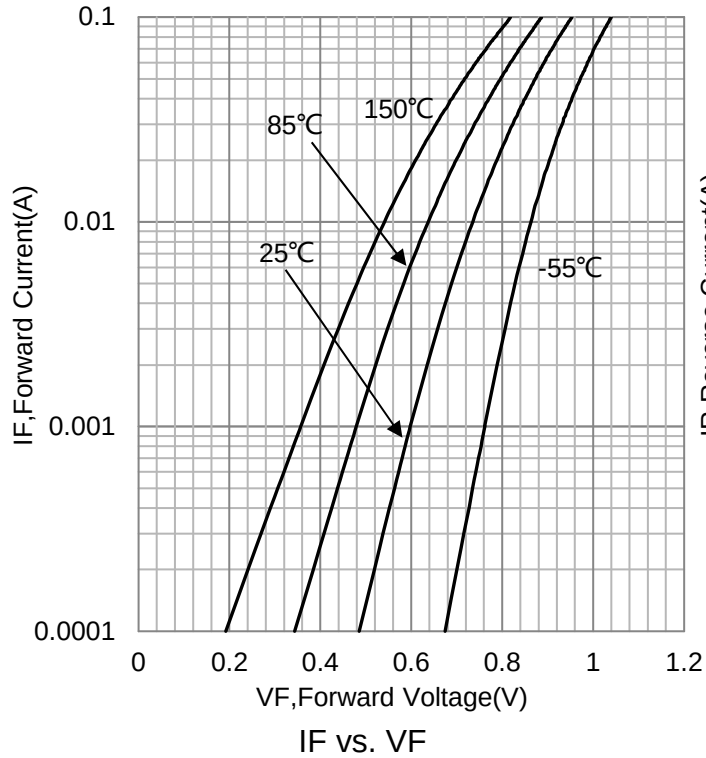
4. THERMAL CHARACTERISTICS

Parameter	Symbol	Limits	Unit
Total Device Dissipation, FR-4 Board (Note 1) @ TA = 25°C Derate above 25°C	PD	200 1.6	mW mW/°C
Thermal Resistance Junction-to-Ambient(Note 1)	RθJA	625	°C/W
Junction and Storage temperature	TJ,Tstg	-65 ~ +150	°C

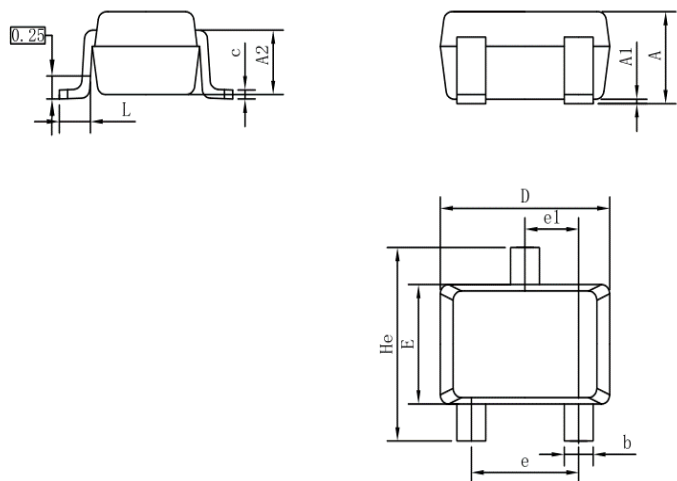
5. ELECTRICAL CHARACTERISTICS (Ta= 25°C)

Characteristic	Symbol	Min.	Typ.	Max.	Unit
Forward voltage (IF = 100mA)	VF	-	-	1.2	V
Reverse Current (VR = 70V)	IR	-	-	0.1	μA
Capacitance between terminals (f =1MHz)	CT	-	-	3.5	pF
Reverse recovery time (VR= 6V,IF=5 mA)	Trr	-	-	4	ns

6.ELECTRICAL CHARACTERISTICS CURVES

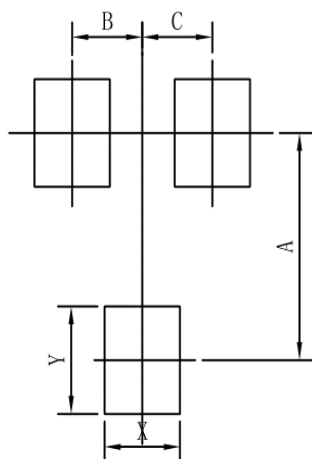


7.OUTLINE AND DIMENSIONS



SC70			
DIM	MIN	NOR	MAX
A	0.80	0.95	1.00
A1	0.00	0.05	0.10
A2	0.7 REF		
b	0.30	0.35	0.40
c	0.10	0.15	0.25
D	1.80	2.05	2.20
E	1.15	1.30	1.35
e	1.20	1.30	1.40
e1	0.65 BSC		
L	0.20	0.35	0.56
He	2.00	2.10	2.40
ALL Dimension in mm			

8.SOLDERING FOOTPRINT



SC70	
DIM	MIN
A	1.90
B	0.65
C	0.65
X	0.70
Y	0.90

DISCLAIMER

- Curve guarantee in the specification. The curve of test items with electric parameter is used as quality guarantee. The curve of test items without electric parameter is used as reference only.
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