

# MAX8568B InA<sub>n</sub>to-<sub>n</sub>verters in D<sub>FN</sub> and T<sub>DFN</sub>

## Package Information (continued)

(The package drawing(s) in this data sheet may not reflect the most current specifications. For the latest package outline information go to [www.dzsc.com](#).)

COMMON DIMENSIONS		
SYMBOL	MIN.	MAX.
A	0.70	0.80
D	2.90	3.10
E	2.90	3.10
A1	0.00	0.05
L	0.20	0.40
k	0.25 MIN.	
A2	0.20 REF.	

- ◆ 18 V V<sub>CC</sub> 28 V
- ◆
- ◆ True Shutdown
- ◆ 8 %
- ◆ 800 kHz
- ◆ 0. PA1
- ◆

### PACKAGE VARIATIONS

PKG. CODE	N	D2	E2	e	JEDEC SPEC	b	[(N/2)-1] x e	DOWNBONDS ALLOWED
T633-1	6	1.50–0.10	2.30–0.10	0.95 BSC	MO229 / WEEA	0.40–0.05	1.90 REF	NO
T633-2	6	1.50–0.10	2.30–0.10	0.95 BSC	MO229 / WEEA	0.40–0.05	1.90 REF	NO
T833-1	8	1.50–0.10	2.30–0.10	0.65 BSC	MO229 / WEEC	0.30–0.05	1.95 REF	NO
T833-2	8	1.50–0.10	2.30–0.10	0.65 BSC	MO229 / WEEC	0.30–0.05	1.95 REF	NO
T833-3	8	1.50–0.10	2.30–0.10	0.65 BSC	MO229 / WEEC	0.30–0.05	1.95 REF	YES
T1033-1	10	1.50–0.10	2.30–0.10	0.50 BSC	MO229 / WEED-3	0.25–0.05	2.00 REF	NO
T1433-1	14	1.70–0.10	2.30–0.10	0.40 BSC	-----	0.20–0.05	2.40 REF	YES
T1433-2	14	1.70–0.10	2.30–0.10	0.40 BSC	-----	0.20–0.05	2.40 REF	NO

### NOTES:

- ALL DIMENSIONS ARE IN mm. ANGLES IN DEGREES.
- COPLANARITY SHALL NOT EXCEED 0.08 mm.
- WARPAGE SHALL NOT EXCEED 0.10 mm.
- PACKAGE LENGTH/PACKAGE WIDTH ARE CONSIDERED AS SPECIAL CHARACTERISTIC(S).
- DRAWING CONFORMS TO JEDEC MO229, EXCEPT DIMENSIONS "D2" AND "E2", AND T1433-1 & T1433-2.
- "N" IS THE TOTAL NUMBER OF LEADS.
- NUMBER OF LEADS SHOWN ARE FOR REFERENCE ONLY.

-DRAWING NOT TO SCALE-

 DALLAS SEMICONDUCTOR		
TITLE: PACKAGE OUTLINE, 6,8,10 & 14L, TDFN, EXPOSED PAD, 3x3x0.80 mm		
APPROVAL	DOCUMENT CONTROL NO.	REV.
	21-0137	G 2/2

MAX8568B 575

MA X 8 5 7 1

MA X 8 M A 7 X 0 8 5 7 5

SUPPLIER	PHONE	WEBSITE
Central Semiconductor	631-435-1110	www.centralsemi.com
Kamaya	260-489-1533	www.kamaya.com
Murata	814-237-1431	www.murata.com
Panasonic	714-373-7939	www.panasonic.com
TDK	847-803-6100	www.component.tdk.com
TOKO	847-297-0070	www.toko.com
Vishay	402-563-6866	www.vishay.com

1 . J U 1 . J U 3

JU1/JU3	FUNCTION
1-2	Enable
2-3	Shutdown

2 . J U 2 . J U 4

JU2/JU4	INPUT POWER	TRUE SHUTDOWN
Short	VCC_ only	Yes
Open	BATT_ and VCC_	No

$\Omega$        $\Omega$

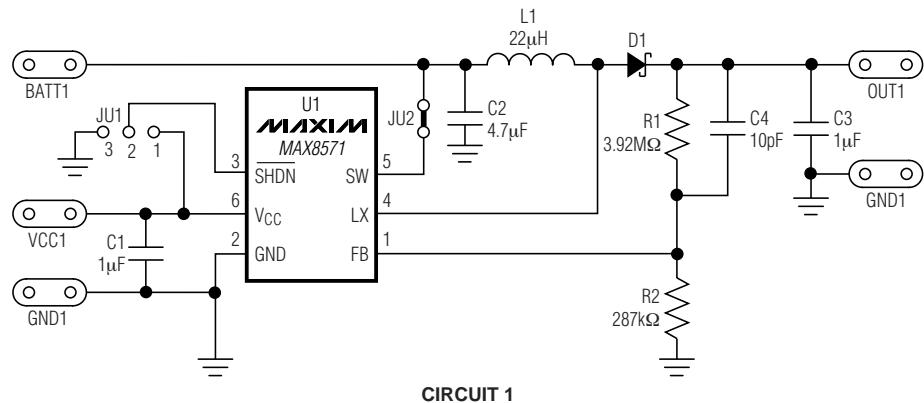
$$R1 = R2 \left( \frac{V_{OUT}}{V_{FB}} - 1 \right)$$

=

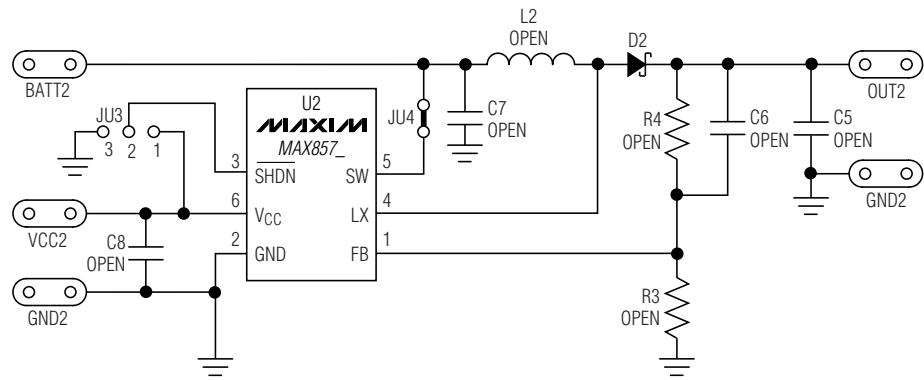
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MAX8571

: MAX8570 / MAX8575

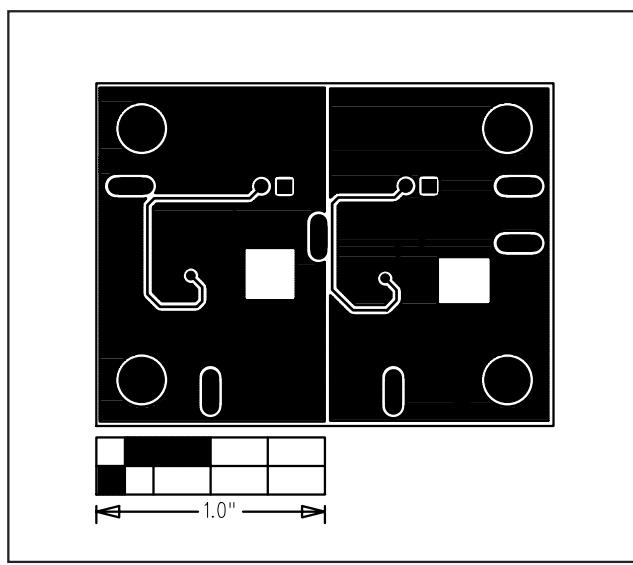
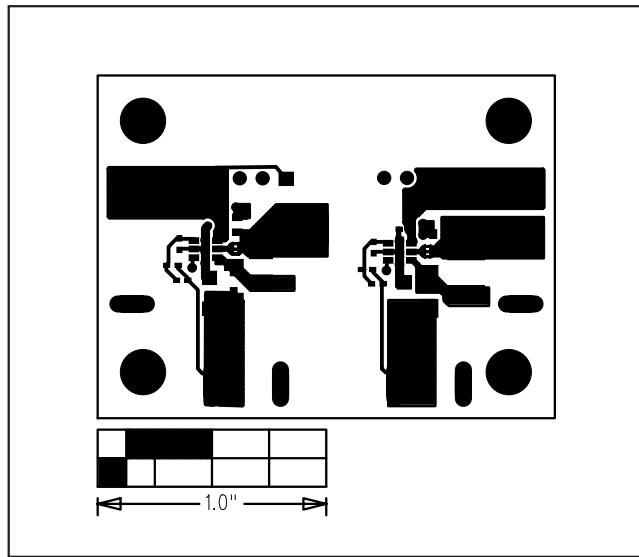
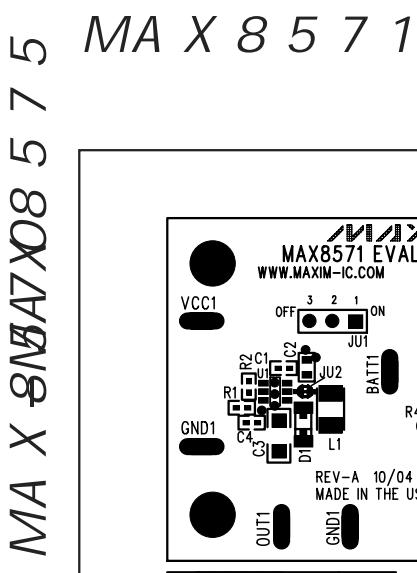


CIRCUIT 1



CIRCUIT 2

MAX8570 / MAX8575



MAXIM

8 3 2 8	1 0 0 0 8 3	
8 0 0	8 1 0	0 3 1 0
0 1 0 - 6 2 0 1	0 5 9 8	
0 1 0 - 6 2 0 1	0 2 9 8	