

AFTER MOUNTING BGA676 VIEW

TopLine®

BGA676 - 0.8MM

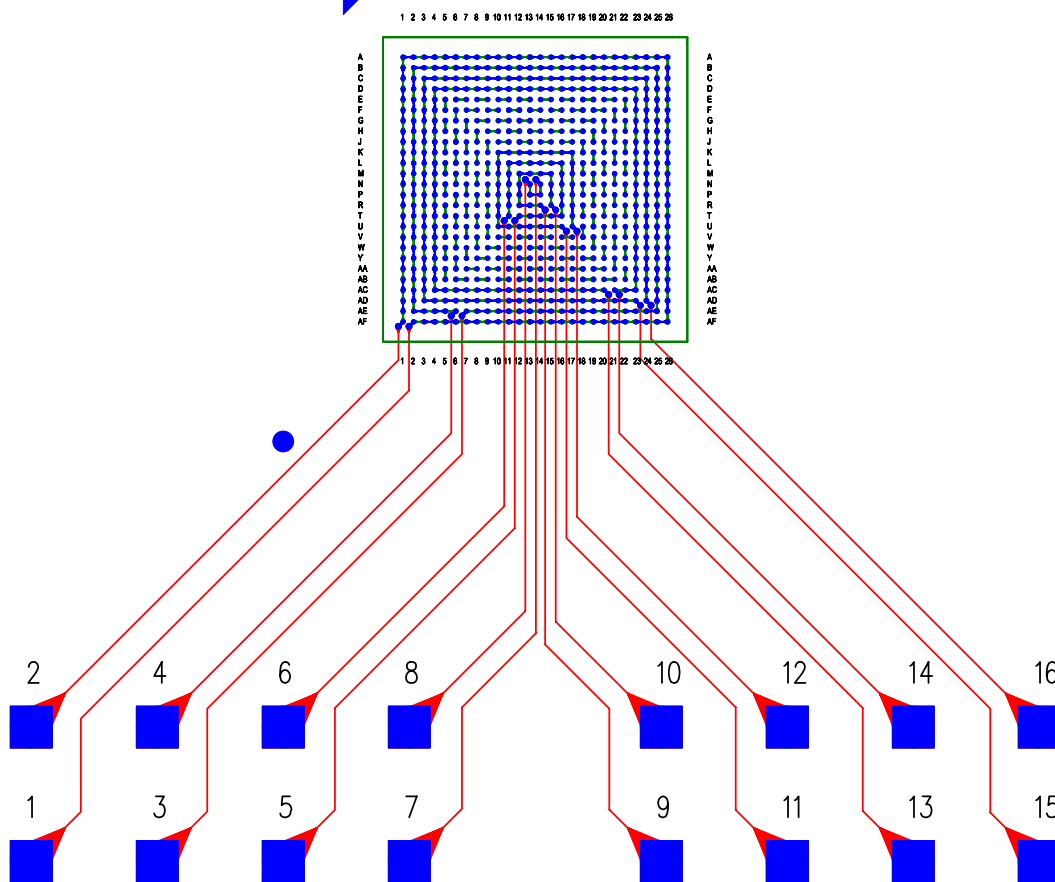
CLEANLINESS TEST

PN 999145 REV A

WWW.TOPLINE.TV

© 2013 TOPLINE

TEST POINT MAP					
ROW		TP+	TP-	BGA BALL	
OUTER	A	1	2	AF2	AF1
	B	3	4	AE7	AE6
	C	15	16	AD23	AD24
	D	13	14	AC20	AC21
INNER	K	11	12	U16	U17
	L	5	6	T11	T12
	M	9	10	R14	R15
	N	7	8	N14	N13



COLOR CODE:
 BLUE = PCB TOP
 RED = PCB BOTTOM
 GREEN = BGA BOTTOM SIDE (TOP X-RAY VIEW)

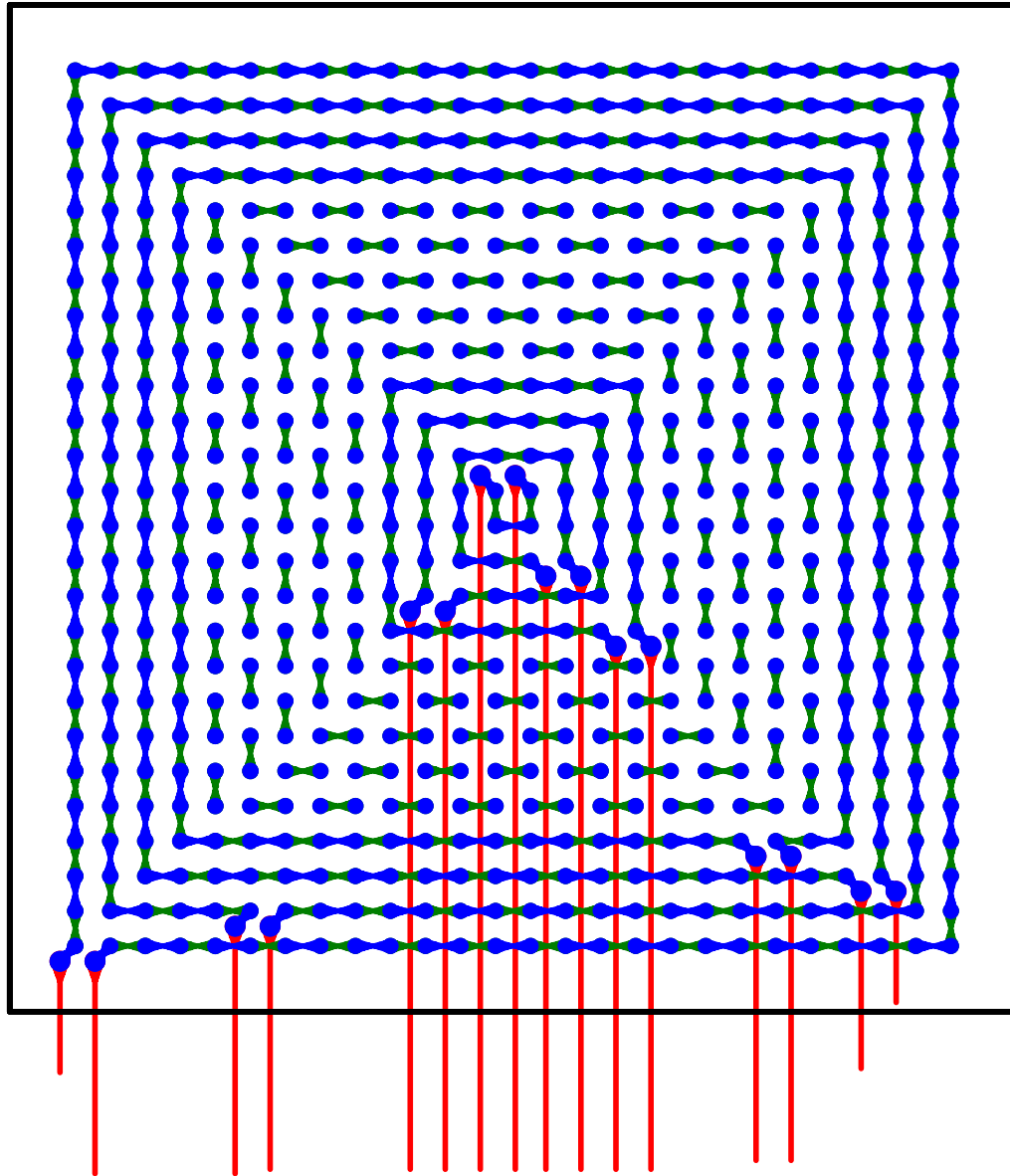
APPROVALS		DATE			
DRAWN	T. AU	05/15/13			
ENGINEER	M. HART	05/15/13			
CHECKED			SIZE B DWG NO. 999145-1		
APPROVED			SCALE: NOT TO SCALE		SHEET 1 OF 5
ISSUED					

BGA676 AFTER MOUNTING (CLOSE UP VIEW)



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

A
B
C
D
E
F
G
H
J
K
L
M
N
P
R
T
U
V
W
Y
AA
AB
AC
AD
AE
AF



COLOR CODE:
 BLUE = PCB TOP
 RED = PCB BOTTOM
 GREEN = BGA BOTTOM SIDE (TOP X-RAY VIEW)

TopLine[®]

TITLE: PWB ASSEMBLY
 BGA676 AFTER MOUNTING (CLOSE UP VIEW)

SIZE B	DWG NO. 999145-1	REV A
-----------	---------------------	----------

SCALE: NOT TO SCALE

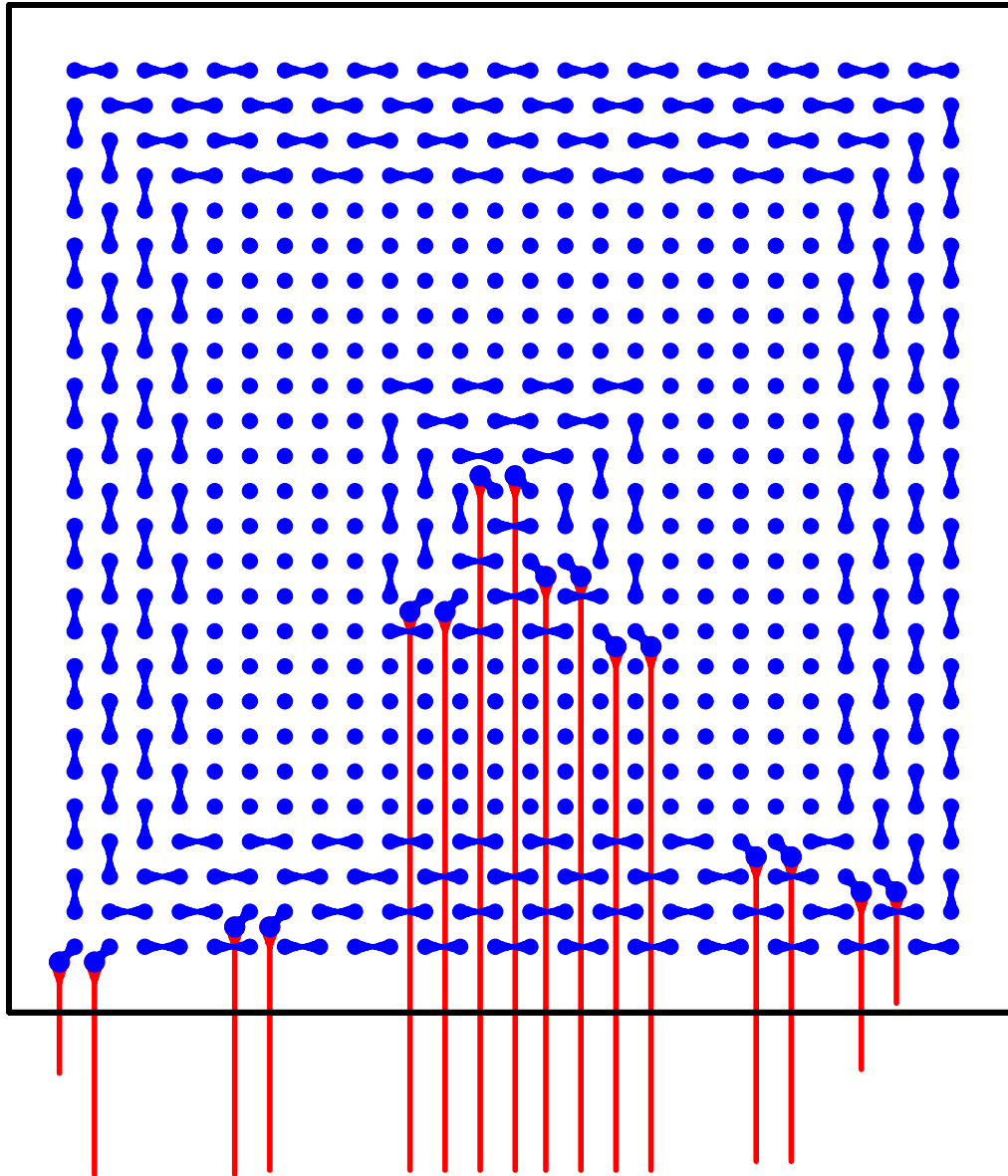
SHEET 2 OF 5

PCB LAYERS (CLOSE UP VIEW)



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

A
B
C
D
E
F
G
H
J
K
L
M
N
P
R
T
U
V
W
Y
AA
AB
AC
AD
AE
AF



COLOR CODE:
BLUE = PCB TOP
RED = PCB BOTTOM

TopLine®

TITLE: PWB ASSEMBLY
 PCB LAYERS (CLOSE UP VIEW)

SIZE B	DWG NO. 999145-1	REV A
-----------	---------------------	----------

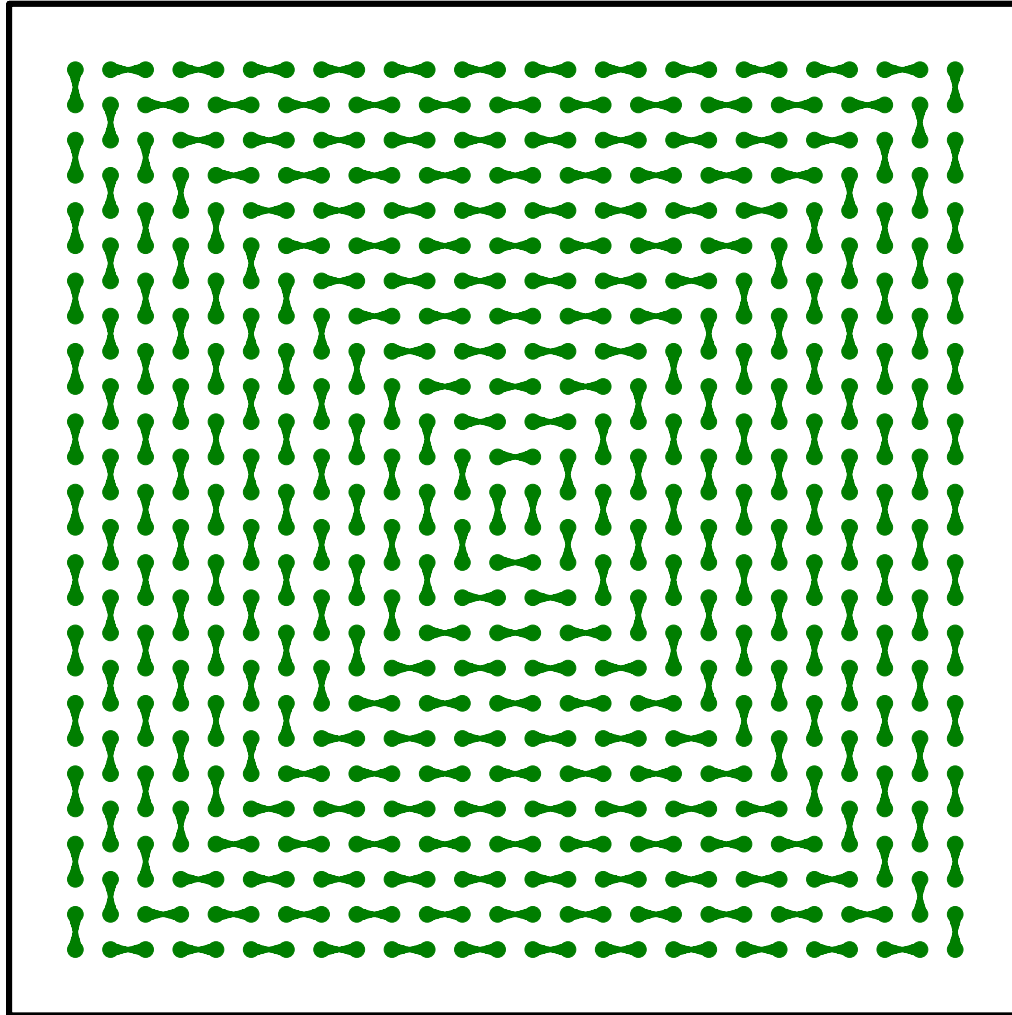
SCALE: NOT TO SCALE

SHEET 3 OF 5

BGA676 BOTTOM SIDE (TOP X-RAY VIEW)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

A
B
C
D
E
F
G
H
J
K
L
M
N
P
R
T
U
V
W
Y
AA
AB
AC
AD
AE
AF



COLOR CODE:
GREEN = BGA BOTTOM SIDE (TOP X-RAY VIEW)

TopLine[®]

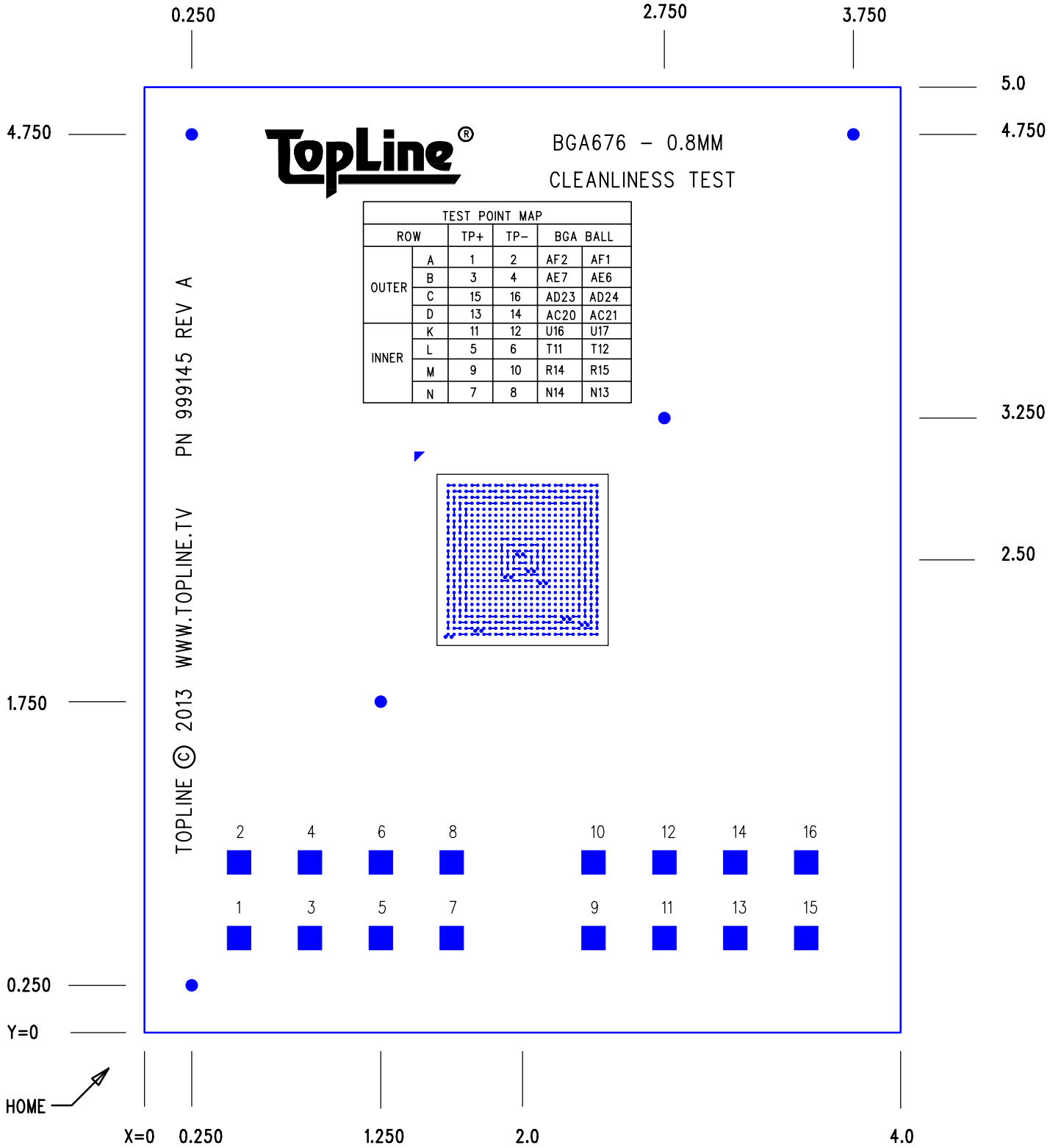
TITLE: PWB ASSEMBLY
BGA676 UNDER TEST (CLOSE UP VIEW)

SIZE B	DWG NO. 999145-1	REV A
-----------	---------------------	----------

SCALE: NOT TO SCALE

SHEET 4 OF 5

BGA676 PARTS PLACEMENT



TopLine[®]

TITLE: PWB ASSEMBLY
PARTS PLACEMENT

SIZE B	DWG NO. 999145-1	REV A
-----------	---------------------	----------

SCALE: NOT TO SCALE

SHEET 5 OF 5