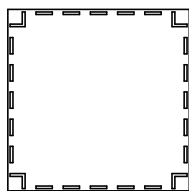


Notes: (Unless Otherwise Specified).

- 1) DIE MATERIAL IS SILICON.
- 2) DIE THICKNESS IS 250 μm (10 MIL).
- 3) METALLIZATION 1.0 μm ALUMINUM (Al) OVER 0.75 μm SiO_2 .
- 4) DIE IS WITHOUT PASSIVATION.
- 5) WIRE BONDABLE WITH GOLD (Au) OR ALUMINUM (Al) WIRE.
- 6) DAISY CHAIN PAIRS (24 PLACES).
- 7) TOLERANCE = $\pm 1 \mu\text{m}$.

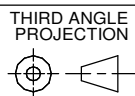


SCALE 6:1


DIMENSIONS IN MICRONS
1000 μm = 1.0mm

PART NUMBER SYSTEM					
TD	-	24	-	4.0	- DC
SILICON TEST DIE		BOND PADS		DIE SIZE (mm)	DAISY CHAIN

TOLERANCE UNLESS NOTED	
X.XX	+/- 0.01
X.XXX	+/- 0.005
X.XXXX	+/- 0.0005
ANGLES	+/- 0.5°
ALL DIMENSIONS IN	
<input checked="" type="checkbox"/> INCHES	<input type="checkbox"/> MILLIMETERS

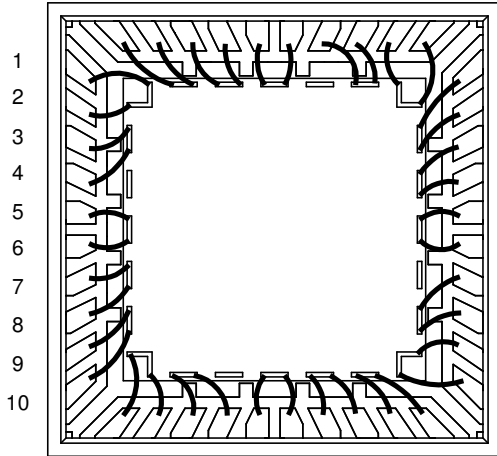


APPROVALS	DATE
DRAWN J. HINES	5/8/2010
ENG	
MFG	
QA	
CUST	
REVISED	

			
TITLE			
Si TEST DIE TD SERIES			
SCALE	SIZE	DRAWING NO.	REV
30:1	A	154024	A
DO NOT SCALE DRAWING		SHEET 1 OF 3	

DAISY CHAIN WIRE BOND PATTERNS QFN PACKAGE

40 39 38 37 36 35 34 33 32 31



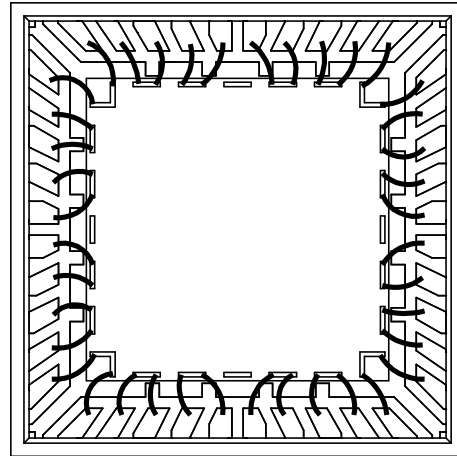
11 12 13 14 15 16 17 18 19 20

QFN40W.5-DCW40401
40L - 6X6mm

NET LIST
DCW40401

- 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 27-28
- 29-30 31-32
- 33-34 35-36
- 37-38 39-40

40 39 38 37 36 35 34 33 32 31



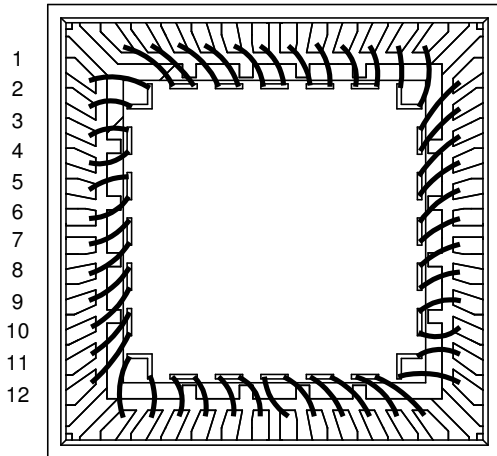
11 12 13 14 15 16 17 18 19 20

QFN40W.5-DCW40402
40L - 6X6mm

NET LIST
DCW40402

- 2-3 4-5
- 6-7 8-9
- 10-11 12-13
- 14-15 16-17
- 18-19 20-21
- 22-23 24-25
- 26-27 28-29
- 30-31 32-33
- 34-35 36-37
- 38-39 40-1

48 46 44 42 40 38
47 45 43 41 39 37



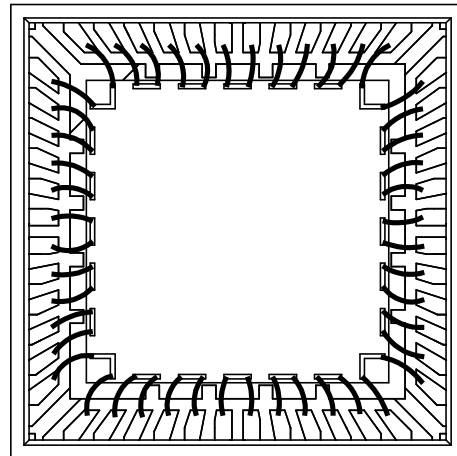
13 15 17 19 21 23
14 16 18 20 22 24

QFN48W.4-DCW40481
48L - 6X6mm

NET LIST
DCW40481

- 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 27-28
- 29-30 31-32
- 33-34 35-36
- 37-38 39-40
- 41-42 43-44
- 45-46 47-48

48 46 44 42 40 38
47 45 43 41 39 37



13 15 17 19 21 23
14 16 18 20 22 24

QFN48W.4-DCW40482
48L - 6X6mm

NET LIST
DCW40482

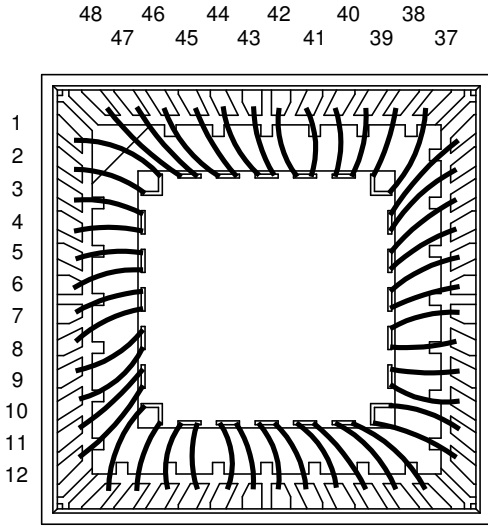
- 2-3 4-5
- 6-7 8-9
- 10-11 12-13
- 14-15 16-17
- 18-19 20-21
- 22-23 24-25
- 26-27 28-29
- 30-31 32-33
- 34-35 36-37
- 38-39 40-41
- 42-43 44-45
- 46-47 48-1

TEST DIE						
TD	-	24	-	4.0	-	DC
SILICON TEST DIE	BOND PADS	DIE SIZE (mm)	DAISY CHAIN			

TopLine [®]			
TITLE		SI TEST DIE TD SERIES	
SCALE	SIZE	DRAWING NO.	REV
10:1	A	154024	A
DO NOT SCALE DRAWING			SHEET 2 OF 3

DAISY CHAIN WIRE BOND PATTERNS QFN PACKAGE

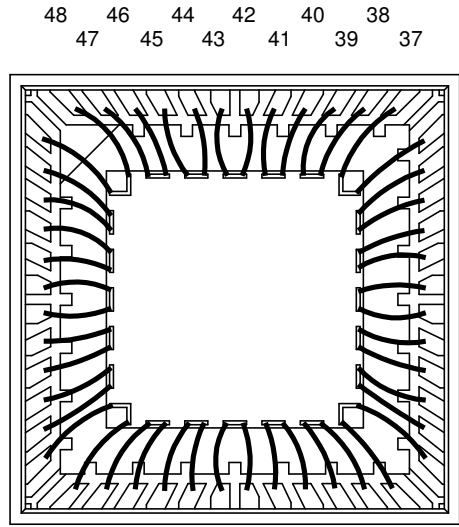
NET LIST
DCW40481
1-2 3-4
5-6 7-8
9-10 11-12
13-14 15-16
17-18 19-20
21-22 23-24
25-26 27-28
29-30 31-32
33-34 35-36
37-38 39-40
41-42 43-44
45-46 47-48



13 15 17 19 21 23
14 16 18 20 22 24
QFN48W.5-DCW40481
48L - 7X7mm

36
35
34
33
32
31
30
29
28
27
26
25

1
2
3
4
5
6
7
8
9
10
11
12



13 15 17 19 21 23
14 16 18 20 22 24
QFN48W.5-DC40482
48L - 7X7mm

NET LIST
DCW40482
2-3 4-5
6-7 8-9
10-11 12-13
14-15 16-17
18-19 20-21
22-23 24-25
26-27 28-29
30-31 32-33
34-35 36-37
38-39 40-41
42-43 44-45
46-47 48-1

TEST DIE						
TD	-	24	-	4.0	-	DC
SILICON TEST DIE	BOND PADS	DIE SIZE (mm)		DAISY CHAIN		

TopLine [®]			
TITLE		SI TEST DIE TD SERIES	
SCALE	SIZE	DRAWING NO.	REV
8.5:1	A	154024	A
DO NOT SCALE DRAWING			SHEET 3 OF 3