


SCALE 6:1

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) ISOLATED PADS 60 μm SQUARE (48 PLACES).
- 7) TOLERANCE = $\pm 1 \mu\text{m}$.

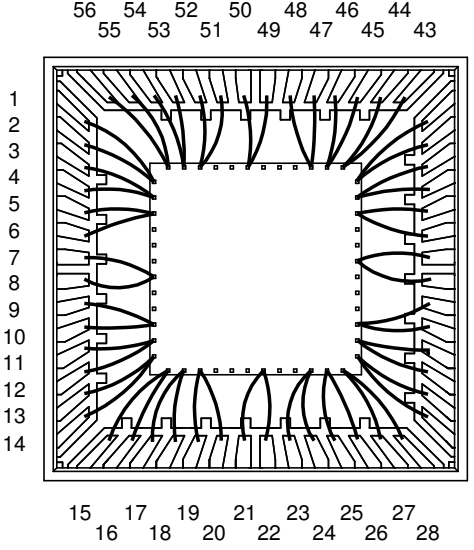
DIMENSIONS IN MICRONS
1000 μm = 1.0mm

PART NUMBER SYSTEM						
TD	-	48	-	4.0	-	ISO
SILICON TEST DIE	BOND PADS	DIE SIZE (mm)	ISOLATED PADS			

TOLERANCE UNLESS NOTED		APPROVALS	DATE				
X.XX	+/- 0.01	DRAWN J. HINES	5/8/2010				TITLE SI TEST DIE TD SERIES
X.XXX	+/- 0.005						
X.XXXX	+/- 0.0005	ENG		SCALE	SIZE	DRAWING NO.	REV
ANGLES	+/- 0.5°	MFG		30:1	A	154048	A
ALL DIMENSIONS IN		QA		DO NOT SCALE DRAWING		SHEET 1 OF 3	
<input checked="" type="checkbox"/> INCHES <input type="checkbox"/> MILLIMETERS		CUST					
THIRD ANGLE PROJECTION		REVISED					

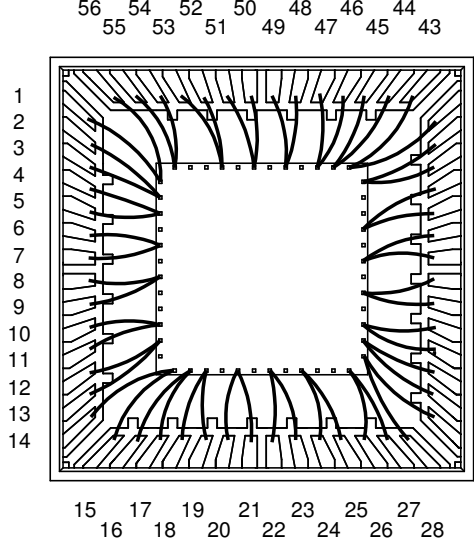
DAISY CHAIN WIRE BOND PATTERNS QFN PACKAGE

- NET LIST**
DCW40561
- 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
 - 49-50 51-52
 - 53-54 55-56



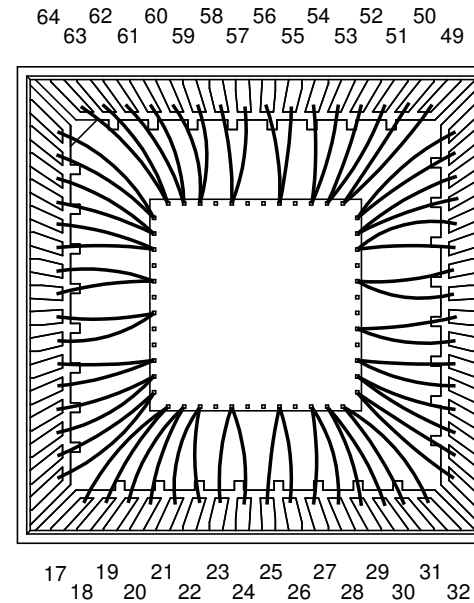
QFN56W.5-DCW40561
56L - 8X8mm

- 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 40-41
 - 42-43 44-45
 - 46-47 48-49
 - 50-51 52-53
 - 54-55 56-1



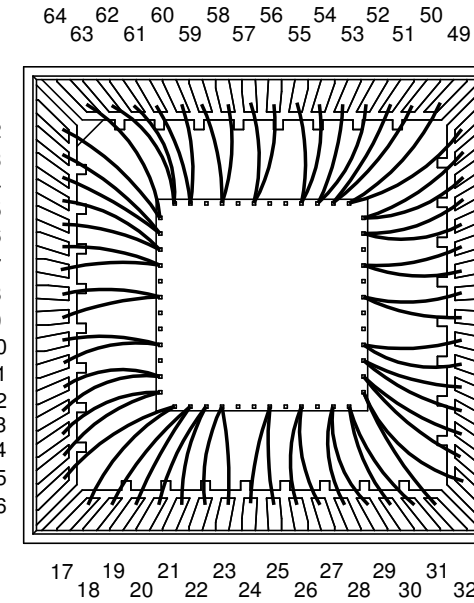
QFN56W.5-DCW40562
56L - 8X8mm

- NET LIST**
DCW40641
- 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
 - 49-50 51-52
 - 53-54 55-56
 - 57-58 59-60
 - 61-62 63-64



QFN64W.5-DCW40641
64L - 9X9mm

- NET LIST**
DCW40642
- 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 48-49
 - 50-51 52-53
 - 54-55 56-57
 - 58-59 60-61
 - 62-63 64-1



QFN64W.5-DCW40642
64L - 9X9mm

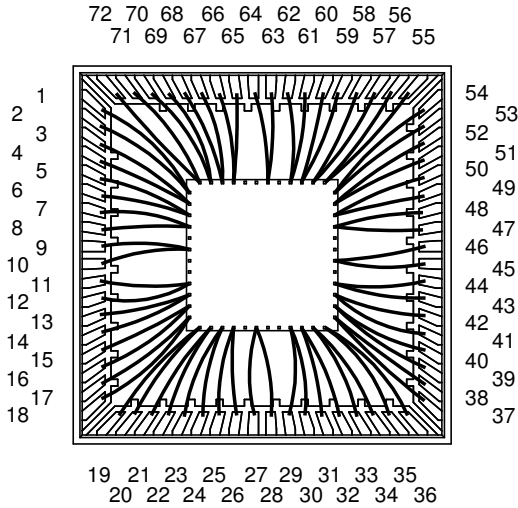
TEST DIE						
TD	-	48	-	4.0	-	ISO
SILICON TEST DIE	BOND PADS	DIE SIZE (mm)	ISOLATED PADS			

TopLine [®]			
TITLE		SI TEST DIE TD SERIES	
SCALE	SIZE	DRAWING NO.	REV
7:1	A	154048	A
DO NOT SCALE DRAWING			SHEET 2 OF 3

DAISY CHAIN WIRE BOND PATTERNS QFN PACKAGE

NET LIST DCW40721

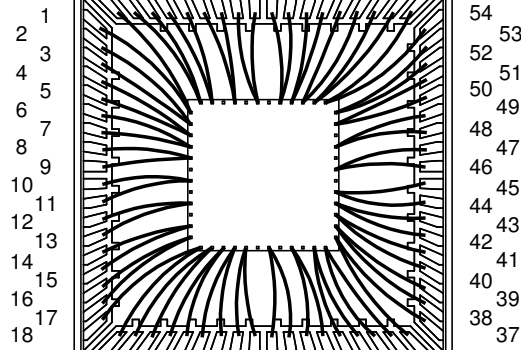
1-2 3-4
5-6 7-8
9-10 11-12
13-14 15-16
17-18 19-20
21-22 23-24
25-26 27-28
29-30 31-32
33-34 35-36
37-38 39-40
41-42 43-44
45-46 47-48
49-50 51-52
53-54 55-56
57-58 59-60
61-62 63-64
65-66 67-68
69-70 71-72



19 21 23 25 27 29 31 33 35
20 22 24 26 28 30 32 34 36

QFN72W.5-DCW40721
72L - 10X10mm

72 70 68 66 64 62 60 58 56
71 69 67 65 63 61 59 57 55



19 21 23 25 27 29 31 33 35
20 22 24 26 28 30 32 34 36

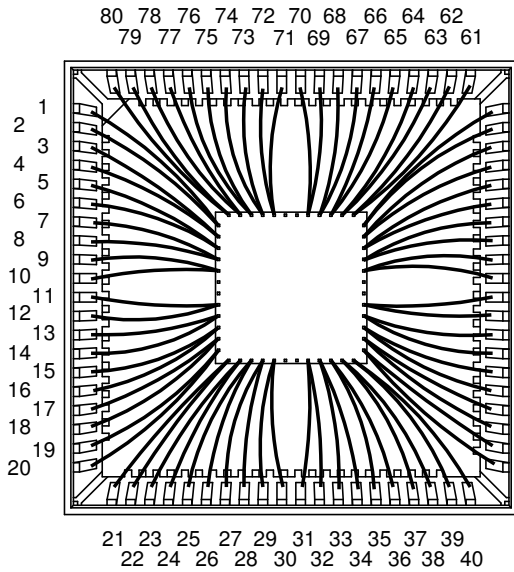
QFN72W.5-DCW40722
72L - 10X10mm

NET LIST DCW40722

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 48-49
50-51 52-53
54-55 56-57
58-59 60-61
62-63 64-65
66-67 68-69
70-71 72-1

NET LIST DCW40801

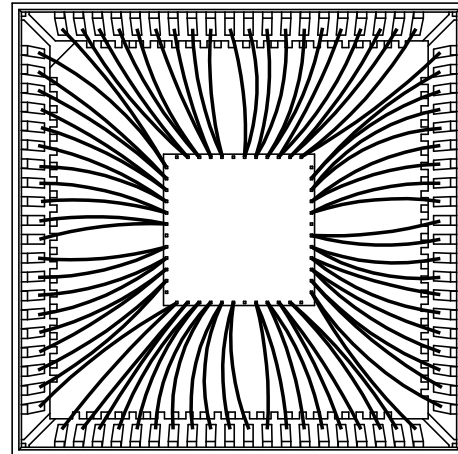
1-2 3-4
5-6 7-8
9-10 11-12
13-14 15-16
17-18 19-20
21-22 23-24
25-26 27-28
29-30 31-32
33-34 35-36
37-38 39-40
41-42 43-44
45-46 47-48
49-50 51-52
53-54 55-56
57-58 59-60
61-62 63-64
65-66 67-68
69-70 71-72
73-74 75-76
77-78 79-80



21 23 25 27 29 31 33 35 37 39
22 24 26 28 30 32 34 36 38 40

QFN80W.5-DCW40801
80L - 12X12mm

80 78 76 74 72 70 68 66 64 62
79 77 75 73 71 69 67 65 63 61



21 23 25 27 29 31 33 35 37 39
22 24 26 28 30 32 34 36 38 40

QFN80W.5-DCW40802
80L - 12X12mm

NET LIST DCW40802

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 48-49
50-51 52-53
54-55 56-57
58-59 60-61
62-63 64-65
66-67 68-69
70-71 72-73
74-75 76-77
78-79 80-1

TEST DIE						
TD	-	48	-	4.0	-	ISO
SILICON TEST DIE	BOND PADS	DIE SIZE (mm)	ISOLATED PADS			

TopLine [®]			
TITLE		Si TEST DIE TD SERIES	
SCALE	SIZE	DRAWING NO.	REV
5:1	A	154048	A
DO NOT SCALE DRAWING			SHEET 3 OF 3