

Pins Setting

(you cross out letters or you use an eraser)

	No. 1 (26)	No. 2 (25)	No. 3 (23)	No. 4 (21)	No. 5 (19)	No. 6 (17)
1			A		A	A
2			B	B		B
3		C	C		C	
4	D	D	D			
5					E	
6	F		F			
7	G			G	G	G
8	H			H		H
9		I	I	I		
10	J		J	J		
11		K	K		K	
12				L	L	
13			M	M		M
14		N		N	N	
15	O	O	O	O		
16	P			P	P	
17	Q	Q			Q	Q
18	R	R		R	R	
19	S					
20						
21			U			
22	V		V			
23	W	X				
24	X	Y				
25		Z				
26	Z					
27						

Lugs Setting

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

26-letters Check:

UOZOG JWQZB VAHIY ENNUP OKEOQ Y

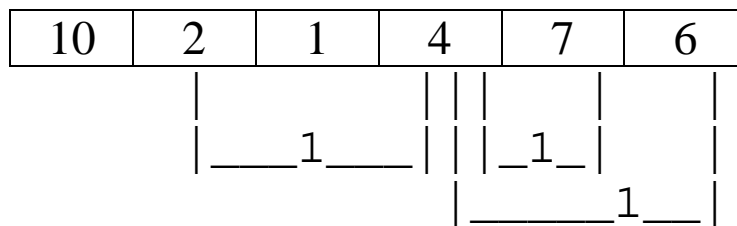
Lugs (ordered), Number of overlaps:

GroupA

1	2	4	6	7	10
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3

Lugs (mixed) with the drawing overlaps:



In the following page, we calculate all possible displacements for each Pins configuration. Then we surrounds each displacement found to be sure we have the 27 displacements.

Dis (10,2, 1, 4, 7, 6)	2-4,4-5,4-6 (, , , , ,)	
1 x	[0, 0, 0, 0, 0, 0]	0 [1, 0, 0, 0, 0, 0] 10
2 x	[0, 0, 0, 0, 0, 1]	6 [1, 0, 0, 0, 0, 1] 10+6=16
3 x	[0, 0, 0, 0, 1, 0]	7 [1, 0, 0, 0, 1, 0] 10+7=17
4 x	[0, 0, 0, 0, 1, 1]	7+6=13 [1, 0, 0, 0, 1, 1] 10+7+6=23
5 x	[0, 0, 0, 1, 0, 0]	4 [1, 0, 0, 1, 0, 0] 10+4=14
6 x	[0, 0, 0, 1, 0, 1]	4+6-1=9 [1, 0, 0, 1, 0, 1] 10+4+6-1
7 x	[0, 0, 0, 1, 1, 0]	4+7-1=10 [1, 0, 0, 1, 1, 0] 10+4+7-1
8 x	[0, 0, 0, 1, 1, 1]	4+7+6-1=16 [1, 0, 0, 1, 1, 1] 10+4+7+6-2
9 x	[0, 0, 1, 0, 0, 0]	1 [1, 0, 1, 0, 0, 0] 10+1=11
10 x	[0, 0, 1, 0, 0, 1]	1+6=7 [1, 0, 1, 0, 0, 1] 10+1+6=17
11 x	[0, 0, 1, 0, 1, 0]	1+7=8 [1, 0, 1, 0, 1, 0] 10+1+7=18
12 x	[0, 0, 1, 0, 1, 1]	1+7+6=14 [1, 0, 1, 0, 1, 1] 10+1+7+6
13 x	[0, 0, 1, 1, 0, 0]	1+4=5 [1, 0, 1, 1, 0, 0] 10+1+4=15
14 x	[0, 0, 1, 1, 0, 1]	1+4+6-1=10 [1, 0, 1, 1, 0, 1] 10+1+4+6-1
15 x	[0, 0, 1, 1, 1, 0]	1+4+7-1=11 [1, 0, 1, 1, 1, 0]
16 x	[0, 0, 1, 1, 1, 1]	1+4+7+6-2 [1, 0, 1, 1, 1, 1]
17 x	[0, 1, 0, 0, 0, 0]	2 [1, 1, 0, 0, 0, 0] 10+2=12
18 x	[0, 1, 0, 0, 0, 1]	2+6=8 [1, 1, 0, 0, 0, 1]
19 x	[0, 1, 0, 0, 1, 0]	2+7=9 [1, 1, 0, 0, 1, 0]
20 x	[0, 1, 0, 0, 1, 1]	2+7+6=15 [1, 1, 0, 0, 1, 1]
21 x	[0, 1, 0, 1, 0, 0]	2+4-1=5 [1, 1, 0, 1, 0, 0]
22 x	[0, 1, 0, 1, 0, 1]	2+4+6-1=11 [1, 1, 0, 1, 0, 1]
23 x	[0, 1, 0, 1, 1, 0]	2+4+7-2=11 [1, 1, 0, 1, 1, 0]
24 x	[0, 1, 0, 1, 1, 1]	2+4+7+6-3 [1, 1, 0, 1, 1, 1]
25 x	[0, 1, 1, 0, 0, 0]	2+1=3 [1, 1, 1, 0, 0, 0] 10+2+1=13
26 x	[0, 1, 1, 0, 0, 1]	2+1+6=9 [1, 1, 1, 0, 0, 1]
27 x	[0, 1, 1, 0, 1, 0]	[1, 1, 1, 0, 1, 0]
OK!	[0, 1, 1, 0, 1, 1]	[1, 1, 1, 0, 1, 1] = 26
	[0, 1, 1, 1, 0, 0]	[1, 1, 1, 1, 0, 0] = 16
	[0, 1, 1, 1, 0, 1]	[1, 1, 1, 1, 0, 1] = 21
	[0, 1, 1, 1, 1, 0]	[1, 1, 1, 1, 1, 0] = 22
	[0, 1, 1, 1, 1, 1]	[1, 1, 1, 1, 1, 1] = 27