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(73)	가 가	997
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(72)	997	가 가
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(74)

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(54) TFT	TFT
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TFT

1

1	1	TFT
2	1	A-A
3	1	B-B
4		2
		TFT

5	3	TFT
6	5 A-A	
7	5 B-B	
8	4	TFT
9	5	TFT
10	9 A-A	
11	9 B-B	
12	6	TFT
13	7	TFT
14	13 A-A	
15	13 B-B	
16	8	TFT
17	9	TFT
18	17 A-A	
19	17 B-B	
20	10	TFT
21	11	TFT
22	21 A-A	
23	21 B-B	
24	12	TFT
25		TFT
26	25 A-A	
27		TFT
28	27 B-B	
29		TFT
30	29 A-A	

TFT(Thin Film Transistor)
(点缺陷)

25	1	2	TFT	25	26	TFT	25	A-A
4	, 4	, 5	, 6	, 7	, 3	, 8	(1)	Cr, Ta, Ti (2) (3) (4) SiN CVD(5) i-a-Si poly-Si (6) n-a-Si i-a-Si (7) ITO(8) SiN
27	27	28	TFT	TFT	27	28	27	B-B
27					(1)	Cr, Ta, Ti (2) (3) ITO(4) CVD(5) SiO ₂ , SiN, (6) n-a-Si i-a-Si (7) (8)		

The diagram illustrates a cross-sectional view of a TFT structure. The layers are labeled as follows:

- Top layer: TFT
- Second layer: 가 (Gate)
- Third layer: 10
- Fourth layer: (2)
- Fifth layer: (11)
- Sixth layer: (12)
- Seventh layer: (3)
- Eighth layer: (31)
- Ninth layer: 가 (Gate)
- Tenth layer: 10
- Eleventh layer: (3)
- Twelfth layer: TFT
- Thirteenth layer: 9
- Fourteenth layer: ,
- Fifteenth layer: (12)가 (Gate)
- Sixteenth layer: (1110)
- Seventeenth layer: 11
- Eighteenth layer: 22
- Nineteenth layer: 21
- Twentieth layer: A-A
- Twenty-first layer: 23
- Twenty-second layer: 21
- Twenty-third layer: B-B
- Twenty-fourth layer: TFT
- Twenty-fifth layer: 131
- Twenty-sixth layer: TFT
- Twenty-seventh layer: (1)
- Twenty-eighth layer: Cr, Ta, Ti
- Twenty-ninth layer: (21),
- Thirty-first layer: CVD(
- Thirty-second layer: (111)
- Thirty-third layer:)
- Thirty-fourth layer: SiN
- Thirty-fifth layer: SiO₂
- Thirty-sixth layer: ,
- Thirty-seventh layer: (31)
- Thirty-eighth layer: 300nm
- Thirty-ninth layer: (2)
- Forty-first layer: (111)
- Forty-second layer: (111)
- Forty-third layer: ,
- Forty-four layer: (12)
- Forty-fifth layer: (31)
- Forty-sixth layer: (12)가 (Gate)
- Forty-seventh layer: ITO(
- Forty-eighth layer:)
- Forty-ninth layer: 100nm
- Fiftieth layer: 150nm
- Fiftieth-first layer: SiN
- Fiftieth-second layer: SiO₂
- Fiftieth-third layer: (131)
- Fiftieth-fourth layer: SiN
- Fiftieth-fifth layer: 300nm
- Fiftieth-sixth layer: SiO₂
- Fiftieth-seventh layer: (131)
- Fiftieth-eighth layer: (5)
- Fiftieth-ninth layer: (3)
- Fiftieth-tenth layer: i-a-Si
- Fiftieth-eleventh layer: poly-Si
- Fiftieth-twelfth layer: CVD
- Fiftieth-thirteenth layer: 200nm
- Fiftieth-fourteenth layer: (6)
- Fiftieth-fifteenth layer: 100nm
- Fiftieth-sixteenth layer: n-a-Si
- Fiftieth-seventeenth layer: CVD
- Fiftieth-eighteenth layer: 50nm

400nm	,	(3)	,	Al, Cr	(7)	(8)
	,	n-a-Si	,	n-a-Si	i-a-Si	
SiN	TFT	21	C-C	,	(111)	
(3)	D		,			(3) D
12.	TFT	9	10	가		
24	(2)	12	TFT	11		12
(111)	(3)	(31)	(3)	가	(12)가	
가		(111)			9 ~	11
	TFT	,		1	,	1
	,	,	TFT	2	가	가
가		1		2	,	,
		,				
		,				
		,				
		,				
2.	,					
1	가					
3.						
2	,	Cr, Ta, Ti, W, Mo	Al			
4.						
1	2	3	,			
5.	가					
6.	1		,			
7.			,			
6	,		2		1	
8.	,					
7	,					

















