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2004 05 17

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2003 07 02

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가 . 가

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 2, 32 : 4 :  
 6 : 8, 38 :  
 10, 40 ; 12 : /  
 14,16,44,46,82,84,86,88 : 18 : /  
 20,22,60,62,92,94,96,98 : 30 :  
 34, 102 : 50, 100 :  
 51, 80 : 52 :  
 54 : 56 ;  
 58 : 64,90 : MUX  
 104 :

가 (Text Information) (Vi  
 deo Information)  
 가  
 1 (R,G,B) (2) (2) (R,G,B) (10)  
 (8) (R,G,B) (8)  
 LVDS(Low Voltage Differential Signal) TTL(Transistor Transistor Logic) (Chip)  
 (8) (8) (R  
 GB data) (2) (10)  
 TFT  
 1 2 (4) (4) (8) (6)  
 (4) (odd, even)  
 / (12) / (12) (odd, even)  
 1 2 (14, 16) , 1 2 (14, 16) (odd, even)  
 (6) (4) (odd, even) 1 2  
 (20, 22) (14) (2) (4) (even) 2 (16) 1 2 (odd) 1  
 (14) / (18) (6) (14, 16)  
 , 1 (14) (odd) 1 (20) 1 2 , 2 (16)  
 (even) 2 (22) 1 2 (14, 16) 1  
 2 (20, 22) 1:1 (Mapping) (14) 1 (20)  
 , (4) (6)가 , 1 가 (4)  
 가 (D0) 가 가 가 (4)  
 1 3 (14) (odd)가 , 2 (16) (even)가 ,



(38) (38) (30) (52) (38) (38)  
 ), / / (RGB data) (Dclk), (GSP), (GSC)  
 (54) (54) (Dclk) (52) (52)  
 (GSP) (GSC) (38) (54) (GSP) (GSC)  
 (54) (38) (GSP) (Clc) TFT T  
 FT가 (65) (Clc) (RGB data)가 (38)  
 (52) (R), (G) (B) (52) (Dclk) (R), (G) (B)  
 (RGB data) (Dclk) (52) (52) (52)  
 (65) (52)  
 (56) (52), (54)  
 (38) 5 / , 1 (32) (30)  
 (50) , (58) ,  
 2 (34) , 2 (34)  
 (36) (50)  
 (58) (30) (50)  
 (50) 6 (58) (51) (51) (SC) MUX (64) (51) (51)  
 ) MUX (64) (PSC) (51) (SC) (PS) MUX (64) (51) (51)  
 (51) (58) XNOR (XNOR) (58) XNOR (XNOR)  
 XNOR) (8) 가 , XNOR (XNOR) (PC1, PC2)  
 MUX (64) 2 (34) (PSC) 1 2 (44, 46) MUX (64) (PC1, PC2)  
 PC2) (PC1, PC2) 2 (34) XNOR (XNOR) , MUX 8 (64) 가  
 'H'가 , 'L'가 . MUX (64) (PC1, PC2)가  
 'H' (SC) , 'L' (SC)  
 XNOR (XNOR) (XNOR) 2 (36) (PS) MUX  
 (64) (SC) (50) (odd, even) 가 1  
 2 (34) (50) (odd, even) 2 (46) (46) (even)가  
 1 (44) (44) (odd)가 , 2 (46)  
 2 (36) 2 (34) 1 2 (44, 46) , 2 (36)  
 (odd, even) 1 2 (60, 62) (62) (even)가  
 1 (60) (odd)가 , 2 (62)  
 , 2 (34) 2 (36) 1 1 , 1 (44)  
 1 (60) , 2 (46) 2 (62)  
 S)가 XNOR (32) , 2 (36) (60) (P  
 2 (62) (XNOR) (even)가 , 2 (36) 1 (PS)가 (odd),  
 (XNOR) 'H' (SC) , MUX (64) (XNOR) (PC1, PC2)가 'H' XNOR  
 , 1 (51) 'H' (SC) XNOR (PSC) (XNOR) (44)  
 , 1 (44) (odd) , 1 (60) (Odd)

가 1 (44) (odd) 가 1 (44) 'H'  
(PC1)가 MUX (64) , MUX (64) (PC1, PC2)  
가 가 'L' . XNOR (XNOR)  
(51) 'L' (PSC) 2 (46)  
, 2 (46) (even) , 2 (62) (even)  
7 , 2 (36) 가 1 (60) (even)가, 2 (6  
2) (odd)가 (PS) 2 (34) 2  
(36) 가 'L' XNOR (XNOR) , MU  
X (64) (PC1, PC2)가 'H' (SC)  
XNOR (XNOR)  
(51) 'L' (PSC) 2 (46)  
, 2 (46) (odd) , 2 (62) (odd)  
, 2 (46) (odd)가 , 2 (46) 'H'  
가 (PC2)가 MUX (64) , MUX (64) (PC1, PC2)  
가 가 'L' . XNOR (XNOR)  
(51) 'L' (PSC) , 1 (44)  
, 1 (44) (even) , 1 (60) (even)  
, 2 2 (34) 2 (36)  
2 (34)  
8 , 2  
(100) , (100)  
(odd, even) 4 (102) , (102)  
(100) (104)  
(SC) 4 (102) (80) , (80)  
MUX (90) , (80) MUX (90) (SC)  
(PS) (XNOR1, XNOR2) (PSC) 1 2 XN  
OR (80) 1 . 1  
(odd, even) 8 가 . 4  
XNOR (XNOR) (PSC)  
(80) 1 2 XNOR (XNOR1, XNOR2) 1 2  
(PSC1, PSC2) 4  
MUX (90) 4 (102) 1 4 (82,84,86,88)  
(PC1,PC2,PC3,PC4) (SC) 1 2 XNOR (XNOR1, XNOR2 )  
, MUX (90) (PC1,PC2,PC3,PC4) 4 (102) 1  
4 (82,84,86,88) 8 가 'H' 가 , 'L'  
(82,84,86,88) , MUX (90) (PC1,PC2,PC3,PC4) 1 4  
(XNOR1, XNOR2) 2 '00, 01, 10, 11' (SC) 1 2 XNOR  
1 2 XNOR (XNOR1, XNOR2) 4 (104)  
(PS) MUX (90) (SC) (100)  
(PSC1, PSC2)  
4 (104) (100) (odd, eve  
n) 1 (92) , (odd, even) 2  
(94) , (odd, even) (odd, even) 3  
(96) , 4 (98)  
, 1 (92) (odd), 2 (94) (even),  
3 (96) (102) 4 (104) (odd), 4 (98) (even)가  
, 4 (102) 4 (104) 1 1  
가 1 2 XNOR (XNOR1, XNOR2) , 1 2 XNOR (XNOR1, XNOR2)  
) 1 4 (82, 84, 86, 88) (PSC1, PSC2)  
(80) (PSC1, PSC2) 1 4 (82, 84, 86, 88)  
(odd, even) 가 , 1  
4 (92, 94, 96, 98)

, 1 4 (82, 84, 86, 88) 1 4 (92, 94, 96, 98) 1 1  
 (80) (PS) (PC1, PC2, PC3, PC4)  
 , IC 가 (100)

, 가 가 가

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1.

/ , 가

2.

1 , 2 4

3.

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NOR

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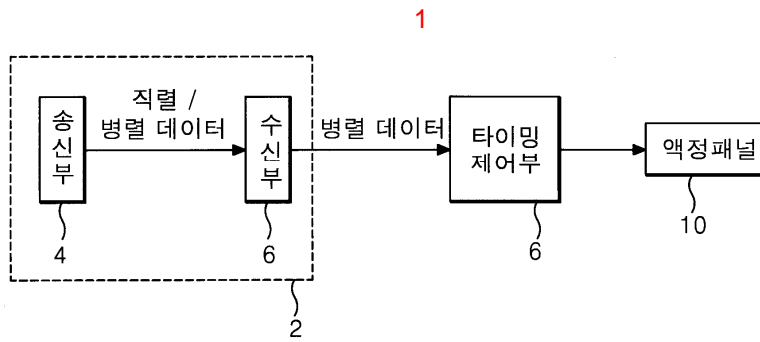
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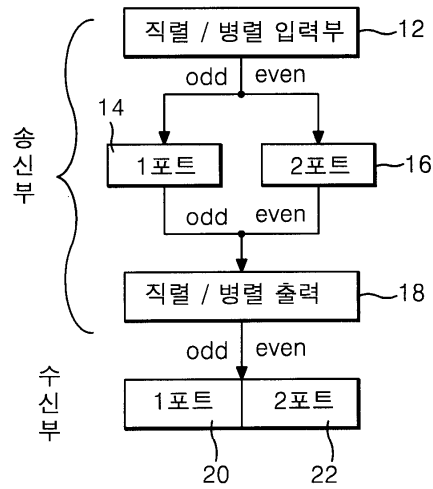
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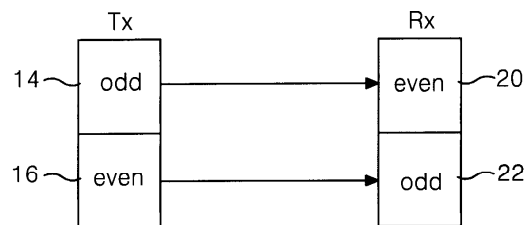
NOR



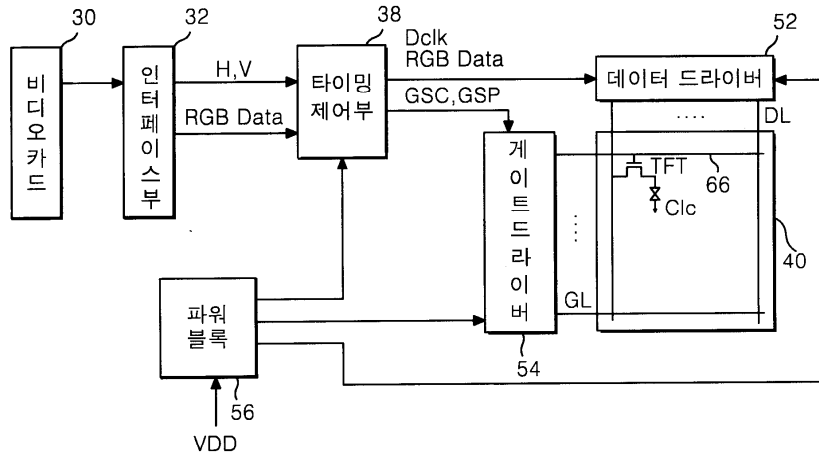
2



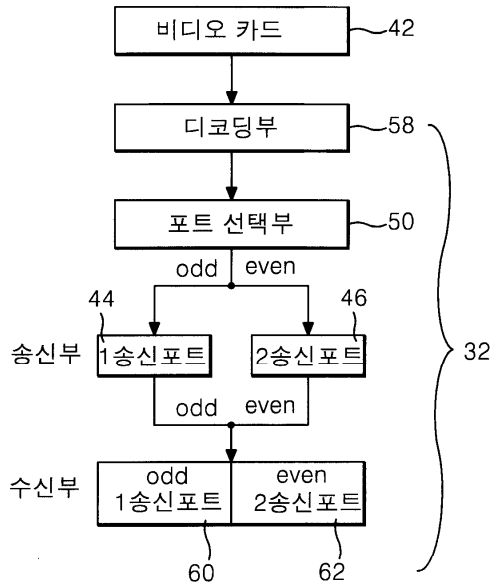
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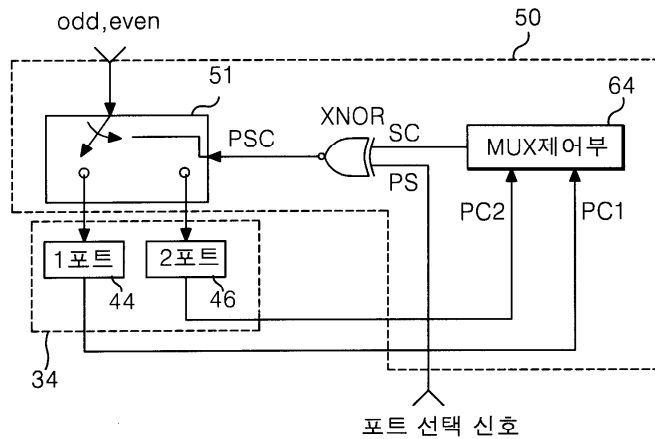
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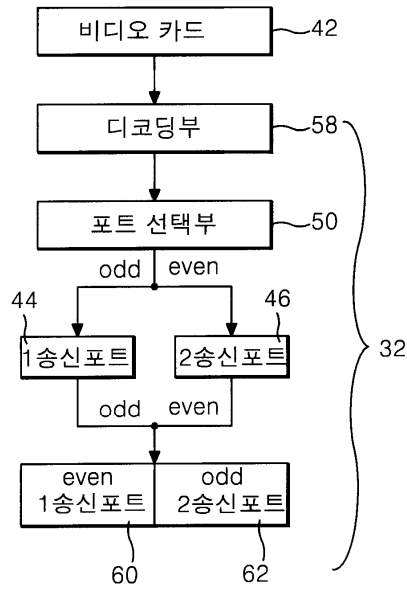


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