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(71) 가 가
가 4 6
가 가
3681

(72) 2811 - 9

790

2 - 36 - 5

13 - 2

가

가 4 - 39

(74)

:

(54)

(相)

가

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- 2 .
- 3 .
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- 8 가 - .
- 9 .
- 10 .
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- 17 - .
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- 19 .
- 20 가 .
- 21 가 .
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44 : 1

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47 : 4

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61 62 :

65 66 :

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101 :

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107 :

108 :

109 :

110 :

111 :

120 :

121 :

122 :

123 :

130 :

131 :

132 :

400 :

401 :

402 :

403 : AD

404 :

405 : DA

406 :

407 :

409 : ()

410 :

413 : ()

414 : ()

415 : ()

416 : ()

417 : ()

418 : ()

420 : (LUT)

421 : (1)

422 :

423 :

424 : 1

425 : 2

426 : 3

427 : 1

428 : 2

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433 : 1

434 : 2

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445 :

, (相)

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, OA .

, () () .

가
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 1 .

00) (: 100) , (111) . (1
 (101)가 (110) , (: 120) ,
 (: 130) , (135) . , (110)
 (120) (130) (135) (101)
 () .
 가 ,
 가 (135) ,
 (135) .

(111) (,) (401) .
 (111) (401) , ,
 , (120) (130),
 (135) .

, (111) (400) . (400) (4
 02) , 가 (100) , 1
 가 가 (100) ()
 400) , (100)
 (120) .

131 (111) , 132 . ,
 1 (132) 1 ,
 (132) (111) , (110) (120)
 . (120) (Y) , ()
 : 103) . (103) (X)
 . (103) 가 (101) .
 , (110) (130) . (130) (X)
 () : 102)
 (102) (Y) . (102) (101)
 / 가 .

, (110) (135)가 . (135)
 (X) (136) . (136) (Y
) (136) 가 .

(120) (121) , (123) (111)
(131) (132) (121) (123)

, 가 , , ,

(111) , 1 가 ,
(131) (130) (111)
, 1 (, 1h) (102)
(130) (130) (102) , (
102) (130) 1 1 1h ,
(102)

(111) 가 , ,
(120) (111) (121)
(111)
(123)가 (102)

(123) (103) ()
, 가 (111)
가 , 가
(123)
() , (103) (103)
(130) 가 (101)

(135) (111)
(103)
(135) (101)
(135)

2 (400) 2 1
(402) (400) 가 (400) 403 AD 가
, y , (403) 가 , 가
(404) 가

(404) 가 ,
(400) 1 1 가 1 ,
(111)가 (100) 가
(404)

405 DA . DA (405) (404) (406) DA (405)

406 .

가

가 (101)

가 , , 가 . , LC

OS , (). ,

LCOS , , 가 (

(面)). , ,

407 . (407) , (406) (132)

, (132) (132) ,

(132) .

3 . , 3 (132) 3

, 3 (a) (407) 3 (b(1

(132) (407) 1

, , 3 가 가 , 3 (132)

(132) 가 3 가 3 (c) 2

(132) , 3 (d) 3 (132)

, (100) (123) , 가

가 , 1 (407) 가

, 가 (100) (123)

4 2 (407) 2

, 4 (a) 가 SP가 ,

(407) 가 (407)

, 가 , 4 (b)

, ,

가 ,

AD (403) (404) y (405) /

6 5 IC 410 IC 가 (410) (409) (406) / (相) DA (405) DA 1 가

5, 6 가 " 1" " 0" " 1" " 0"

가 () , AD (403) 가 가 가

44 (b) (413) (試算) 7 (a) R1 270Ω , R2 750Ω , 1.2V (± 0.5% , (413) ± 0.025% , 가 가 R2/R1

$1.2V \times ((750 \times 1.005) \div (270 \times 0.995) + 1) \times 1.00025 = 4.568V$ 가 $1.2V \times ((750 \times 0.995) \div (270 \times 1.005) + 1) \times 0.99975 = 4.499V$ 가

$4.568V - 4.499V = 0.069V$, 69mV Vcrp 7 (b) 1.0V

8 (LCOS) 가 - 90% 가
 1.1V, 10% 가 2.4V가 , 1.3V 256 , 8
 $1.3V \div 256 = 5.1mV/$ 가 1 5mV가 69mV ,
 $69mV \div 5mV/ = 13.8$ 가 , 69mV 14 .

(132)

(132)

가 .

가 ,

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가 ,

(100)

10 9

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A

10 (a)

7b

(413)

10 (b)

(415)

(415)

1

10 (b)
(414)

1

10 (c)

(416)

(414)

(415)

10 (c)

Vcom

가

()가

10 (c)

(132)

(132) n

, 1 가 n 가 가 , n

가

가

11

(LUT: Look Up Table

LUT)(420) 가 ,

(420)

(42

0)

가 .

11

(404)

y

(420)

가

DA
(406)

(405)

DA

(405)

(420)

(420)

가

(420)

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, 가 가 가 가 . 가 , 가
(400) .

12 11 (420) 1 , IC 410 IC
421 1 (420) . (42
404) y , , , 가 (42
1) (421) (410) (410)
DA , / 가 1 가 .

, 1 , 1 가 , 1
1 가 .

13 (404) (420) 1 422
(404) (420) (404) (420) 1
, 가 .

14 1 256 (420) 8
10 가 .
(420) 가 (RAM) , 256 ,
10 .

, , 가
가 , , RAM
ROM , 가 .

14 (420) 15 (400)
, (435) 10 , (436) 8 ,
(430)가 (430)
가 (430) 10 × 256
(420) RAM ().

, 256 16 (430) RAM
CS , (436) 0 255 ,
(435) 10 (43
5) WR . RAM WR
WR , 0
255 .

(420) 가 (436) , RAM
(436)가 (435) (15).
DA (405) (435)

(420) 17 . (420)
 , 17 (a) ,
 . (451) . (451)
 , (420) . (452)
 (420) .

, 17 (b) , (454)
 . (454)
 , (420) 가 . (420) (455)
 , (452) .

17 (b) , ,
 17 (b) (455) 15 (430)
 . (430)
 . , 가 ,
 . , 가
 (430) .

(400) 가 . (430)
 , (420) .

17 (c) , (456)
 . (456)
 , (420) 가 . (420) (457)
 , (452) .

, , (420)
 가 .

17 , ,
 , 가 .

18 . 1 (423)
 (422) 2 (417)
 (414) 가 , (422) , (415)
 가 (423) . ,
 , .

19 , ,
 , ,
 Y , 19 3

가 . 424 1 , 425 2 ,
 426 3 . (418)

, (418) 가 . 19 (b) (418)

20, 21 , 가 . y
 20 (a) , 가 , 가 . 20 , n
 (b) 가 B . 20 (b) C , m m+1
 +1 , m m+1 , 2 .

21 (a) , 427 1 , 428 2 , 419
 . 21 (b) , 1 (427) n+1 m .
 21 (c) , 2 (428) n+1 , m+1 . 1 (427)
 2 (428) (419) ,
 21 (d) , m m+1 (D) 가

22, 23 , 22,
 23 , ()가 . 22
 . 22 (a) (461)
 22 (b) (462)
 22 (c) , (463)

23 . 23 (a) (461)
 , 23 (b) , (464)
 , 23 (c) , (465)

24 , 1 (421) 가 . , 가
 , 가 가 가 . (420) 1
 (435) 10 , (420) DA (405)
 (421) 가 . 12 10 , 120 . 1
 (437) , (438)
 , 12 10 , 120 10 ,
 가 가 .

25 , 25 (420) 가
 (404) 25 (420) (404)
 가 가 11 (404) (420)
 . 12 10 , 120 가 .
 25 10 10 .

25 (420) , (402) 가 ,
 . , , n , n
 가 .

AD (403) , 10 (435)가 (420)
 , (420) (435)가 (400) AD (403)
 , (420) .

26
 10 (2) , 256 , 1 12 ,
 12 × 2 × 256 = 6144
 가 , 3 ,
 6144 × 3 = 18432

가 , (448) , (111)
 (430) (420) -
 RS - 232C 9600bps , 15 , 447
 (USB, IEEE1394, SCSI, (Bluetooth)) 가 RS - 232C ,

(400) RAM , 1843
 2 가 .

RAM , y (429)
 () (429)
 - , R
 AM 가 .

27 , 27 (a) 2
 , 27 (b) 2

(432) 1 1 (433)
 2 (434) (432) , (432)
 , 1 (433) 2 (434) 1 (433)
 2 (434) 2 ,
 (432) .

1 1 (433)
 2 2 (434) 1 3
 1 (433) 2 1 2 (434)
 1 (433) 3 가 2 가
 2 2 .

28 1 +1 , 29
 28 6 1 7 (432)
 (440) , (432) . 7

29 1 6 ,
 1 - 1 1 - 6 . 1 - 1 1 , 1 - 2 2 , 29 2
 2 - 1 7 , 2 - 2 1
 가 .

30 , , 가 , (400)
 (431) , (445), (432) .
 (431)
 (445) .

31 (431) (431)

32 (431)
 (, 2 3), 가 .
 , 가 .
 (431) (431)
 (431) 가 , 32 (a)
 , n, m . ,
 가 n , m .

33 , (101) , , (101)
 (110) 2 (102) , 2 (103) (4 (101)
) , 33
 (101) (30) (109) , (109)
 (115) (115) (109)
 (136) (136) (135) , 33
 (30) p .

(102) (130) 가 .
 (30) 가 (103) , (30)가
 (103) (109) (109)
 (107)() (109) (107) ()
 , 33 (109) (107) 가 (108)
 (109) (107) 가
 , 가
 , 가
 , (107) , (123)
 , (123)
 가 가 (30) , 가 (400)
 , 10 ,
 가 가

(123) (109)
 , (123)
 , (135) (115) 가
 , (109) ,
 , (123)가 , (123)
 가 , (109)
 (135) ,
 가 .

34 (108) 1 (53) (109) (115) 2 (54) (30) (115)
 (104) (136) (115) (109) (56) (56)
 (58) (57) (109) (53)
 CL, 2 (54) CC

34 (a) (104)가 V1 가 (56)
 (58) V2 (103)
 (b) (104)가 가 (57) (53) 1 (54)
 V1 V3 (58) V2 - {CC/(CL+CC)} × (V1 - V3)
 CL 2 (54) CC (CL < CC) CC/(
 CL+CC) 1 (58) V2 - V1+V3 V2=0, V3=0 (58) -
 V1

(109) (103) (107)
 (57) 가 (123)
 가 가
 35 33 φ1 (103)
 φ2 (102) φ3 (136)
 () φ4 (109) φ
 3 32 V3 V1

35 φ1 φ1A , φ1B Vcom
 가 , φ1A φ1B
 (107) 가 Vcom 가

35 t0 t2 φ1 φ1A , t0
 φ3 p VI t1 φ2가
 33 (30)가 가 (103) φ1A가
 (109) (109) 35 φ4 , 35 t2
 (109) V2A , φ2가 가
 (30) 가 (109) (103) 가
 (109) V2A

t2 t4 φ1 φ1B
 φ1B , t2 φ2가 (109) φ4 V2B가
 (30) , t2 2h(2) t3 (

115) $\phi 3$ V1 V3 $\phi 3$ (115) Vcom V2C
 , ,
 , 가 , (123)
 (123) 가 , (123) (12
 3)가 가 , (120), (111)
 , 가 .
 36 , (135) . SR ,
 가 . SR (61, 62, 65, 66)
 67 , 69 SR
 VDD (67) SR
 (67) VDD VBB VSS(GND)
 가 . (69) VPP VSS가 (67)
 VPP VSS V3가 VSS가 . 35 $\phi 3$ V1
 VPP, V3가 VSS가 . 36 (69) p n VS
 S , VPP VSS $\phi 3$ 가 .
 , p , V
 PP .
 36 26 , (135)
 SR1 SRn 가
 (69) (67) (67) VPP VSS VSS VBB
 35 $\phi 3$ (136)
 SR 가 25 (135) $\phi 3$
 , 37 (a), 37 (b) SR (61, 62)
 UD1 1 , UD2 2
 1 UD1 36 H , 2 UD2 36
 UD1, 2 UD2 36 , 1
 (61) 37 (a) , p (71, 72) N (73, 74)

. p (71) 2 UD2 , n (74) 1 UD1
 (61) 1 UD1 H 2 UD2가 L ,
 가 , 2 UD2가 H 1 UD1 L

, n (62) 37 (b) , p (71) 1 UD1
 (74) 2 UD2 UD2가 H
 , 1 UD1 H 가

(65) 37 (c) , CLK1 H , CLK2가 L
 , CLK1 L , CLK2가 H 가

, (66) 37 (d) , CLK2가 H , CLK1 L ,
 , CLK2가 L , CLK1가 H 가 36 ,
 37 (65, 66) CLK1, CLK2

, SR (61, 62, 65, 66) ,
 가 (135) SR ,
 $\phi 3$ 가 (130) 가
 , (130)가
 , (135) 1 UD1 2 UD2
 , (121) 가

38 , LCOS 38
 , 38 , 100 , 1 1
 , 2 2 , 3 4
 (4) (1) (2) (cell gap) d
 d (3) 5 () (1)
 6 (5) (3) 가 7, 8
 30 (5)

34 (30) , 35 , 36
 38 , 31 1 , 40 2
 (38) 1 (31) 2 (40) 38 , 1 (31) 2
 (40)
 가

(40) 41 1 , 42 1 1 (42) (35) 2
 43 2 , 44 1 , 45 3

, 46 2 . 2 (43) 3 (45) (42CH) , 1
 (42) 2 (46) . 47 4 , 48 (5)
 2 . (30) (35) 1 (42), (42CH), 2 (4
 6) (5) .

(100) .
 (100) (2)
 (38) , (3) (5) (3),
 (2) (100) . , (100)
 (5) . 1 (44) 2 (46) (30)
 (5) , 1 (44) , 2 (46)

, 1 (44) , 2 (46) (103)
 1 (42) (102) (36))
 1 (44) . , 1 (42) (36) 2
 (46) (5) . CL CC
 가 , 1 (44) , LC

, (1) (3) (5)
 (1) 가 , (30)
 (5) , 가 (5) ,
 . , (100) (1)

. 1 (44) 2 (46) 3
 (45) , 49 (136)
 . (49) 1 (31) 1 (44) , (49)
 (135) 가 . ,
 1 (44) . 39 1 (44) (136)

39 1 (44) 46 2 ,
 . 42CH , 1 (42) 2 (46) , 39 1
 (44) , 1 (44) (136)
 39 X . 1 (44)
 (102) , (136) , X (,
), Y , (135) . ,

, 2 (46) . ,
1 (44) .

, 39 (46) 1 (44) , (44) 가 2
가 . ,
2 (46) 가 .
39 1 (44) 2 (46) .

40 (44) 가 2 (46)
40 (a) . $\phi 2A$ A
 $\phi 2B$ B , 가 t2 t3
.

40 (a) , A t2 2h(2) t3 $\phi 3A$
t2 1h $\phi 2A$, $\phi 2A$ A
(30) 가 , A (109) (103) t2 2h
t3 , 가 , A (30)
, t3 B $\phi 2B$ 가 .

A 1 (44) B 2 (46) , B A
t3 B (30)가 ,
B (109) (103) B (109)
A $\phi 3A$ 가 , (109) (103) 가
, (103) (109) 가 , A
 $\phi 3A$, B (109) $\phi 4B$.

$\phi 3A$,
 , , ,
 ,
 , 가 .

, 40 (b) . A $\phi 3A$ A ϕ
2A 3h , B $\phi 2B$, B
(30) A $\phi 3A$ B (109)
 $\phi 4B$.

, , 가 3h ,
(102) 가 100 3% .
Vcom 가 .

41 VPP VBB . 41 (
a) (135) (69) .

41 (a) 32 p (1) n
 (34) (35) p (1) VBB가 , n (32) VBB
 (30) (36) VBB 가 (34) (35)
 가 .

가 가 ,
 VBB가 가 (1)
 , 가 ,
 VBB가 가 .

41 (a) (34) , (34) VPP가 가 .
 (34) p n (32) pn . n (32) (34) VB
 가 , (34) n (32) 가 ,
 B VPP 가 .

V2, CL, CC,

$$V2 - \{CC/(CL+CC)\} \times (VPP - VSS)$$

 VPP CL
 CC , VSS GND ,

41 (b) CC/(CL+CC) VPP V
 com GND . , 가 ()가 , (123)
)가 가 . 41 (b) $\phi 1$
 . $\phi 1A$, $\phi 2A$
 Vcom 가 가 $\phi 1A, \phi 1B$ 가
 41 (b) , $\phi 1A$ Vcom 가 가 +V
 max , $\phi 1B$ Vcom(GND)

$\phi 4A, \phi 4B$, $\phi 4A$ CC/(CL+CC) 1 , $\phi 4B$ CC
 /(CL+CC) 1 가 . $\phi 4A$, $\phi 1B$ Vcom(GND)
 VPP - Vmax CC/(CL+CC)=1 - Vmax = - VPP가 .

$\phi 4B$ CC/(CL+CC) 1 , +Vmax < VPP2가
 가 . VPP < VBB 가 , +Vmax < VPP < VBB 가 . VPP
 , VBB가 ,
 , CC/(CL+CC)가 1 , CL < CC가 , CL CC 가 .

,
) 가 , CL=CC 가 ,
 가 , VBB

42 , 43
 GND , 가 ()가 Vcom
 42 (a) $\phi 1$ (123) , 42 (b)
 $\phi 4$, ()가 가
 $\phi 1A1$, $\phi 1B1$ Vcom
 가 가 $\phi 1A1, \phi 1B1$.
 42 (b) , $\phi 1A1$, Vcom 가
 가 $+V_{max}$ 가 . $\phi 1B1$
 $-V_{max}$ 가 .
 , ()가 가 . $\phi 1A2$
 $\phi 1B2$ Vcom
 가 가 $\phi 1A2, \phi 1B2$.
 42 (b) $\phi 1A2$, Vcom 가 가 $+V_{mi}$
 $\phi 1B2$. VPP
 $-V_{min}$ $\phi 1B2$.
 42 , $\phi 1B1, \phi 1B2$, $\phi 1A1,$
 $\phi 1A2$, 43
 (400) 422
 , 423 , ,
 (422) 가 . (423)
 (417) , 가 DA (405) .

ELECTRICALLY CONTROLLED BIREFRINGENCE MODE)가
 가 ,

44 , (SPTN)
 $L2$ 9 () $L1$ 2 ,
 44 (100) (9) (P)
 (9) (S) 가 (3)
 (1) (2)
 (7, 8) 90
 44 (a) 가 (100) (3)
 (5) (5)

(3) 가 , L2 90
 L3(S) L3 (9) ,
 L4가 L4 가
 ()

44 (b) (3) 가 (3) 가
 , 가
 (100) L2 (5) L2
 L5 L5 (9)
 , 가

,
 ,
 () 가
 ,
 , 가
 ,

가
 $\Delta n \cdot d$, Δn , d (4) (2)
 (1) (38).

$\pm 0.05\mu\text{m}$
 Δ
 n d 5 6 μm d 2 μm
 (1)

45 (1) (5) (4)
 (4)가
 (5) 4 , 가 5 45 5A, 5B
 5A 5B

45 4 , 가 5 가
 (113)가 (113) (4)
 (11) (11) (12)가 13
 (100)

(4) (11) JSR
 1) 가 「BPR - 113」 () (5) (4) (11)
 (4) (11)

(4) (11) (4) (11) (4) 가
 (11) (4) 가 (4) 가
 가 (4) 가
 가 (4) 가
 (4) 가

(2) (4) (11) (3) (1)
 (1) (3) (2)

(11) (3) (1) (2) (100)
 (3) (11) (12)가
 (3) (100) (11)
 가 (1) (11) (12) (3)
 가

(12) (1) (2) (3)
 (12) (12) (11) (12) 가
 (12) (11) (3) (12)
 가 (100) ()

1) (11) (1) (1)
 (11) 가 (3)
 1) (7) 가 (1) (4), (1)
 가 (3) (7)

(7) (11) (1) (11)
 (11) (11)
 (3) (11) (3) (113)
 (11)

, (113) (5A, 5B), (113) (2)
 (3), (113) 가 .
 , (3) 가 , (113)가 .
 가 , (113) .
 μm 가 .

46 (113) (113) 가
 , 가 가 . 가 ,
 가 , .
 가 .
 가 .
 가 .

, 가 . 가 1
 , 가 . (1)
)가 , 1
 , 43 (1)
 130) VSR , (67)
 (69) SR , (135) (67) (69)

, 47, 48 (1) (30)
 . 47, 48 , 38 . 48 (30)
 . 47 48 | - | , 47 48
 48 (102) (36), (103) (35), (34),
 2 (40) 1 (42) , (35CH, 34CH, 40CH, 42CH)

47 , 1 32 (1)
 (p), 33 , 34 p (32)
 , 35 p (32) , 31 p (32)
 , n 가 . (30) p

36 , 37 , 38
 , 39 , 40

2 (36) 2 (38) (1) 1 (21)
 (40) (38) (30)
 2 2
 41 1 , 42 1 1 (42)
 1

48 102 (102) 48 , X Y
 (30) 가 (102) 2 (103) Y
 X (5) 가 (103)
 1 (42)

(38) 1 (41) (35CH) 1 (42) ((30) 가 ((34) (34CH) 1 (42) 1 ((40CH) 2 (40))
 35) p : 32) 42)

47 (42CH) (5) (42CH)
 (39) (39) 가 (39)
 (42CH)

47 (43) 1 (42) 2 (44) 2
 (43) (43A) (43B) 2
 (43A) SOG(spinongrass) (43B) TEOS 가 TE
 OS(Tetraethylorthosilicate) SiO₂ CVD
 2 (43) , CMP() 2 (43) 2 (43) CMP
 2 1 (44) 1 (44) 1
 (42)

1 (44) (1) 45 (42CH)
 1 (44) 3 (45) TEOS 3 (45) 2
 (46) 2 (46) 1 (42)
 2 (46) (42CH) 1 (42) (42CH)
 1 (44) 2 (46)

1 (44) 2 (46) 3 (45) ()
 1 (44) , 2 (46) , 1 (44) 2
 (46) , 3 (45) 150nm 450nm가 , 300nm

, 49 (1) (2) (1)
 (11) , (3) (11) (1) (2)
 가 (1) (2) (11) (1)
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 (2) (5) , (81) , (80)
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 (5) (1) ,
 (1) (5) (2)
 (80) (82)가 , (80) (5) , (1)
 (100) (2) (1) , (2) (1)
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 (72) . (71) , (72) (100) (100) , (72)
 100) (72) 73 , (72) .
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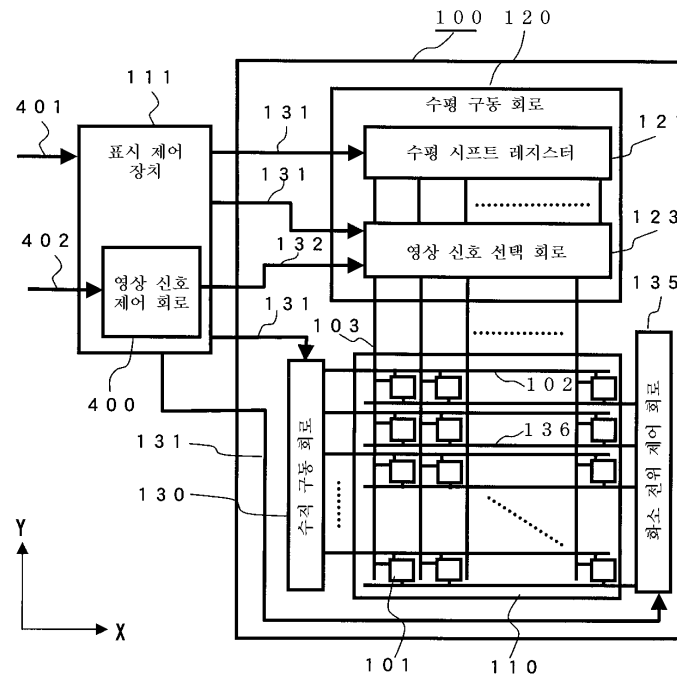
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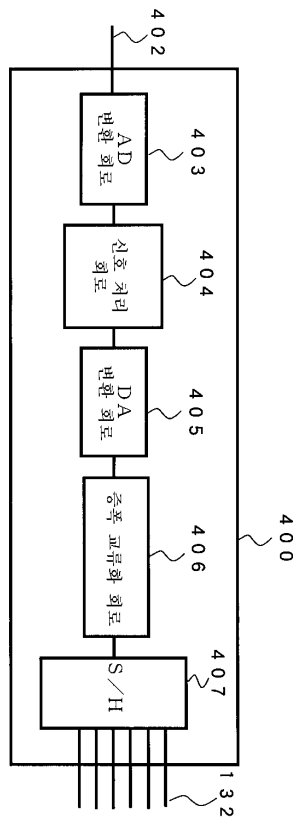
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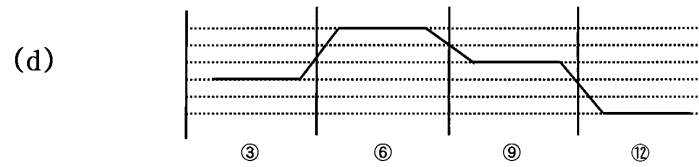
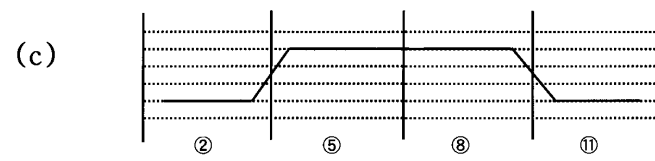
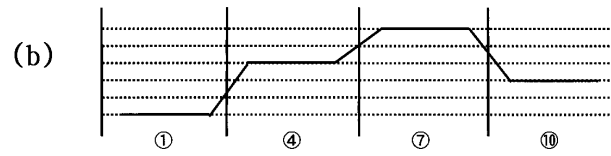
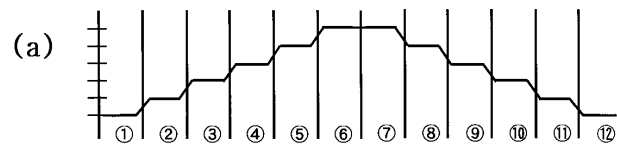
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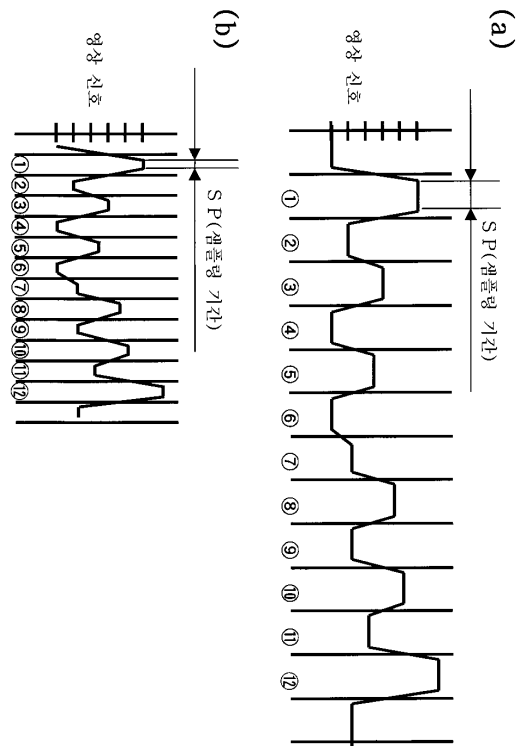
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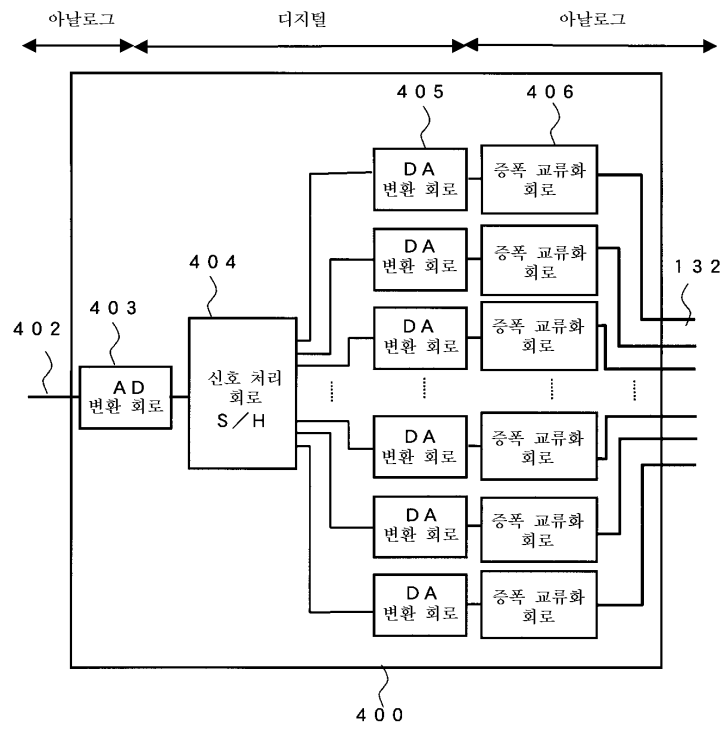
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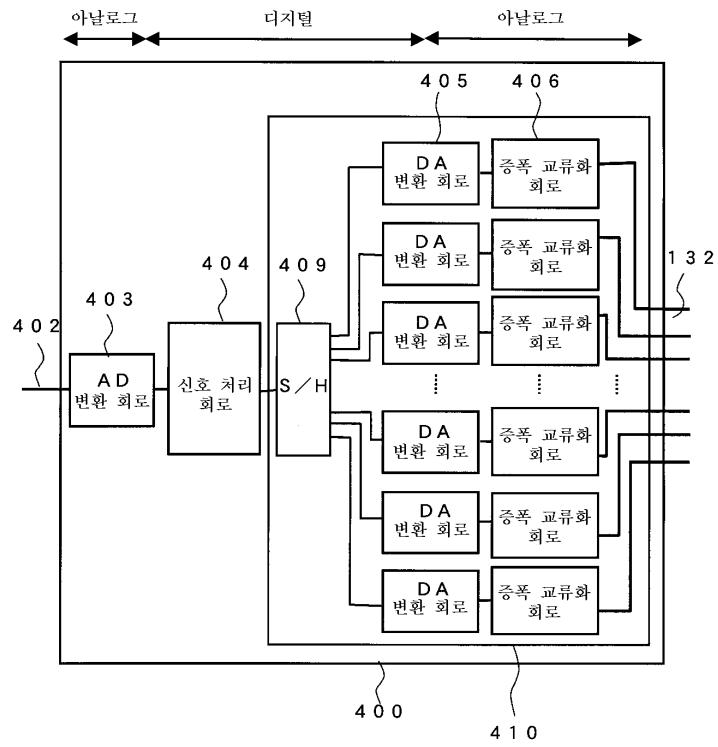
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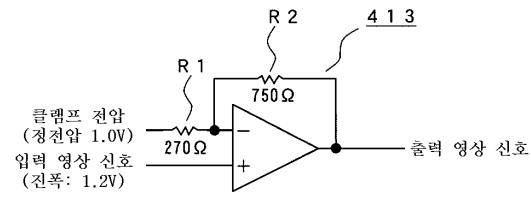


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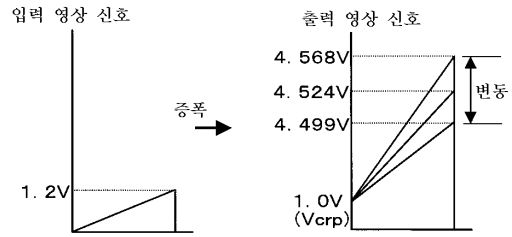


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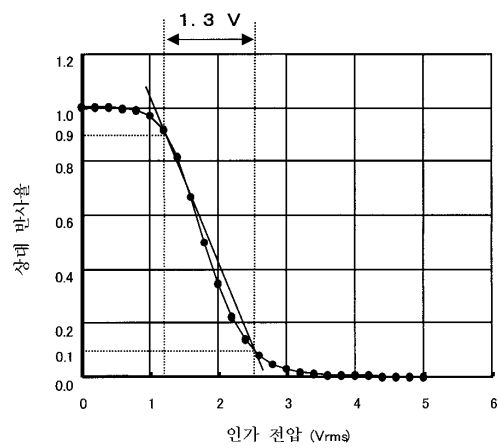
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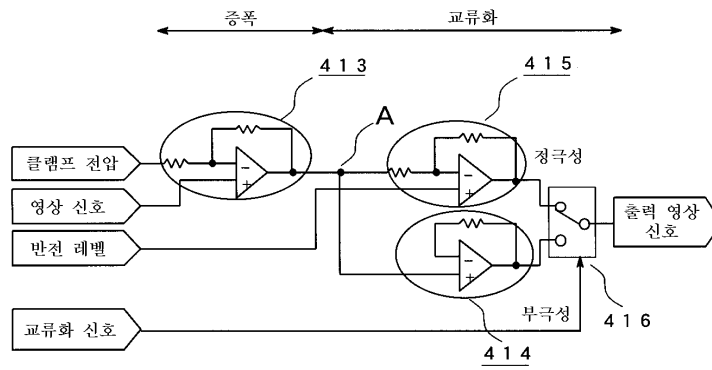
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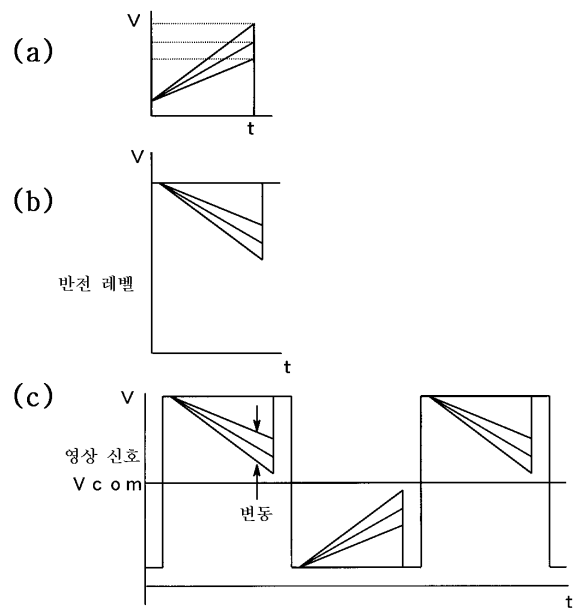
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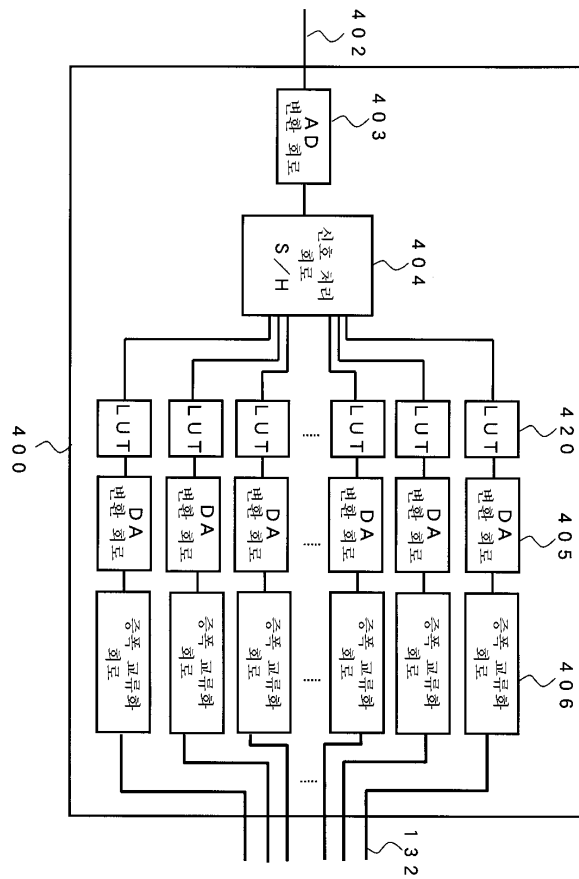
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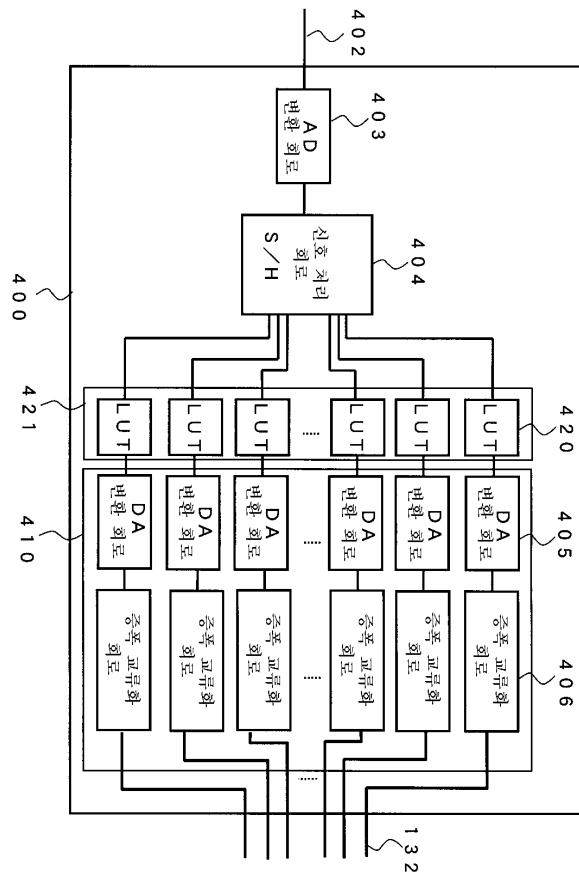
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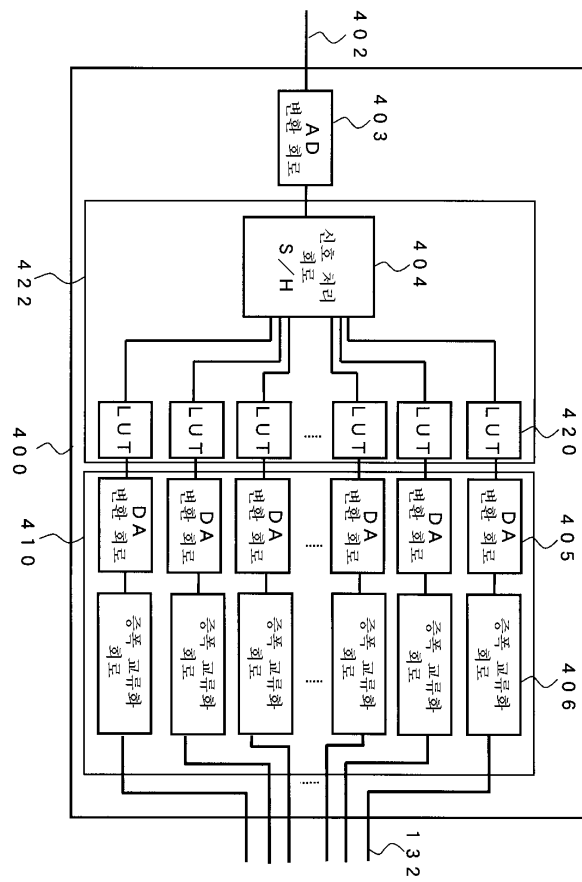
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12



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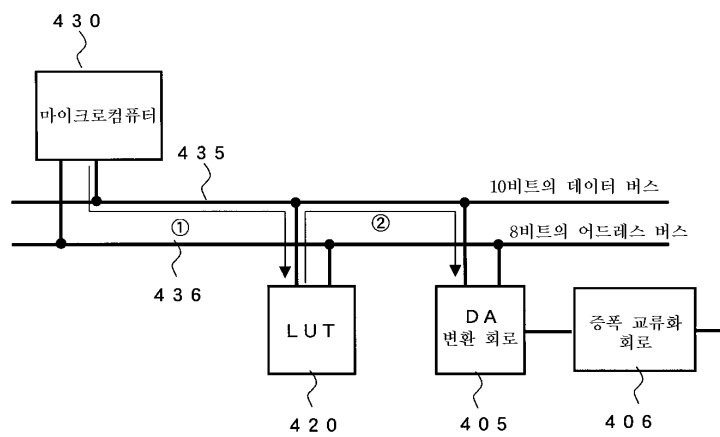
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어드레스	보정 데이터									
0	D ₉	D ₈	D ₇	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁	D ₀
1	D ₉	D ₈	D ₇	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁	D ₀
2	D ₉	D ₈	D ₇	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁	D ₀
3	D ₉	D ₈	D ₇	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁	D ₀
4	D ₉	D ₈	D ₇	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁	D ₀
5	D ₉	D ₈	D ₇	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁	D ₀
251	D ₉	D ₈	D ₇	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁	D ₀
252	D ₉	D ₈	D ₇	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁	D ₀
253	D ₉	D ₈	D ₇	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁	D ₀
254	D ₉	D ₈	D ₇	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁	D ₀
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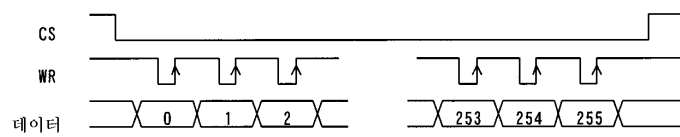
MSB

LSB

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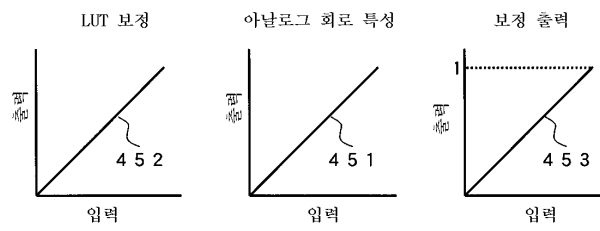


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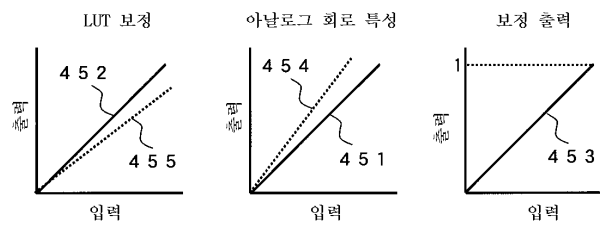


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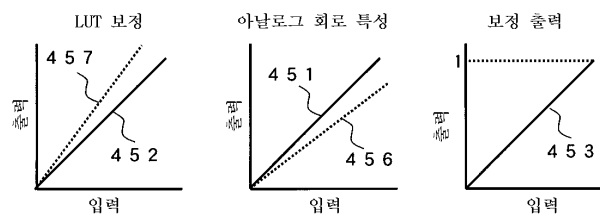
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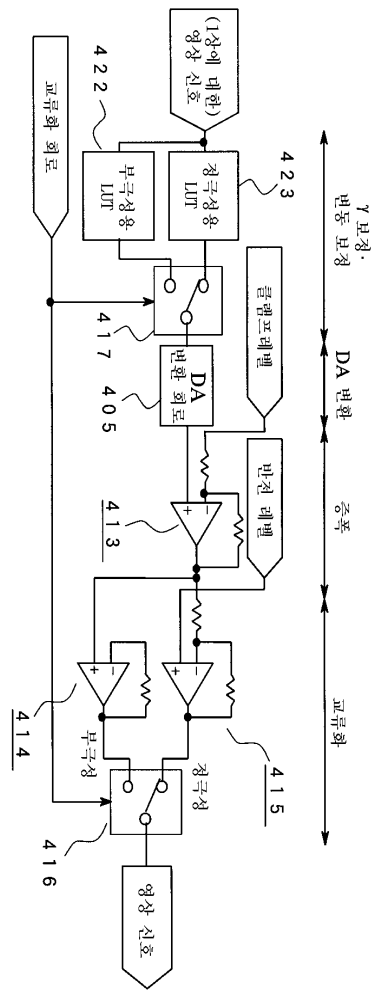
(b)



(c)

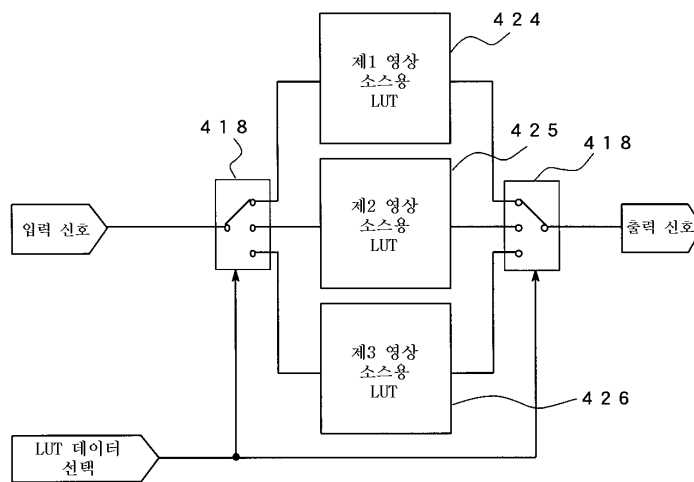


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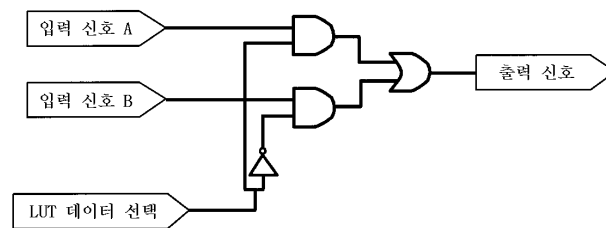


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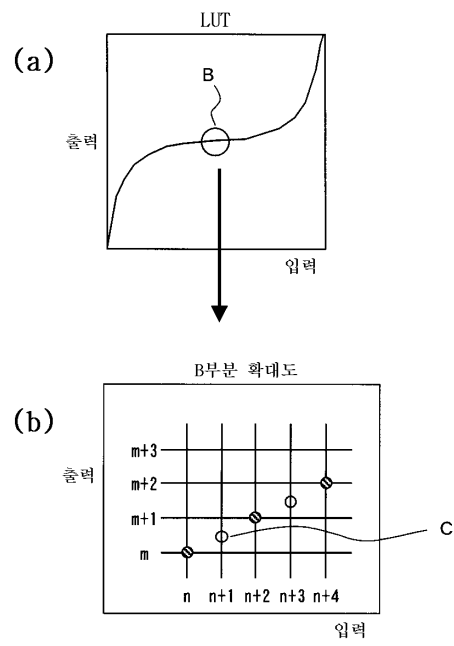
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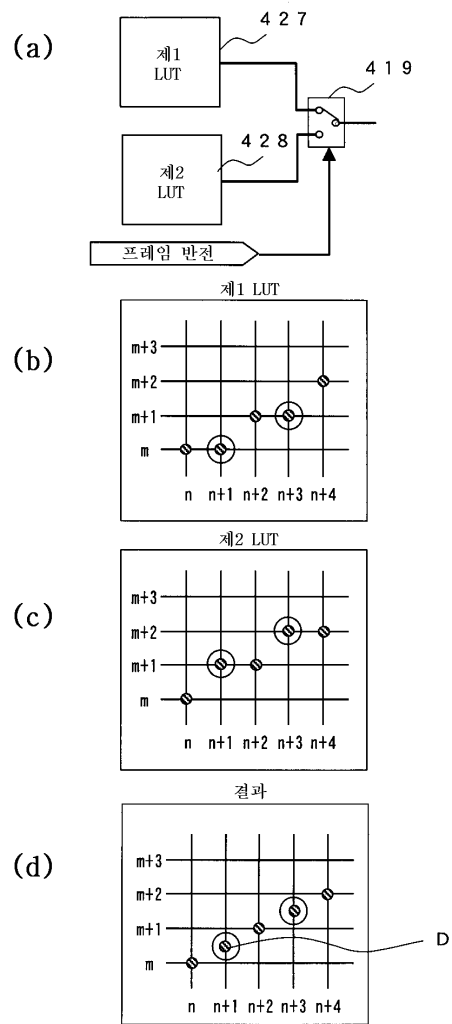
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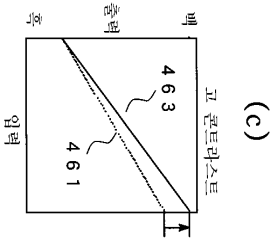
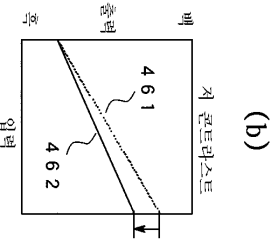
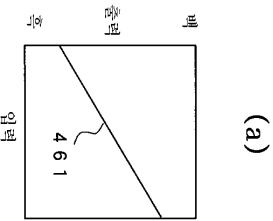


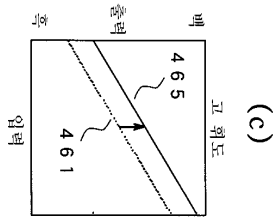
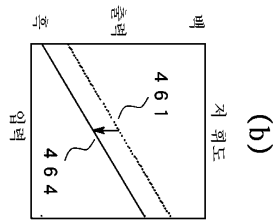
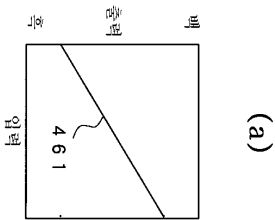
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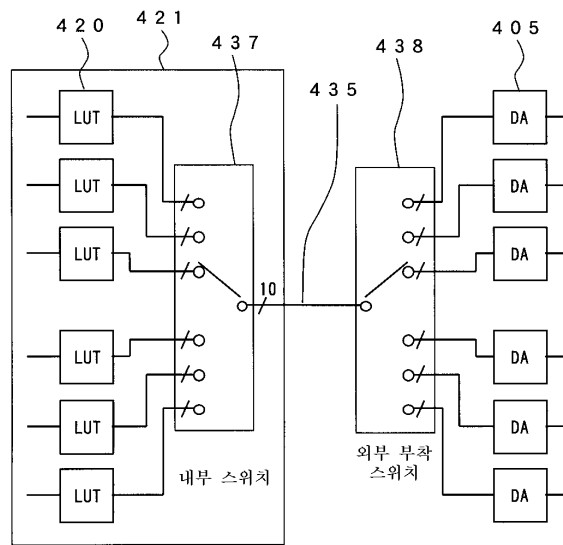
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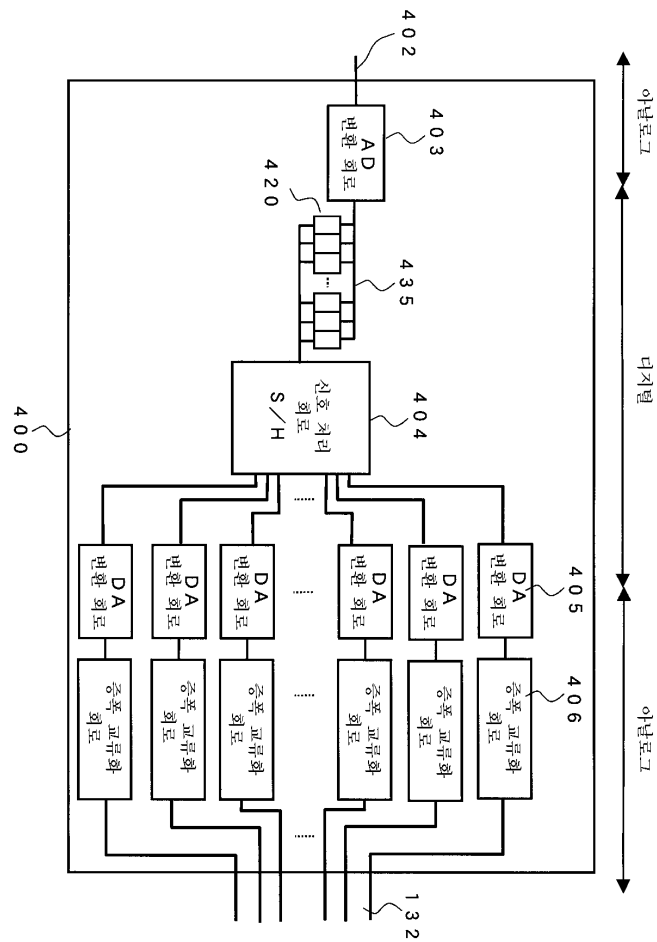


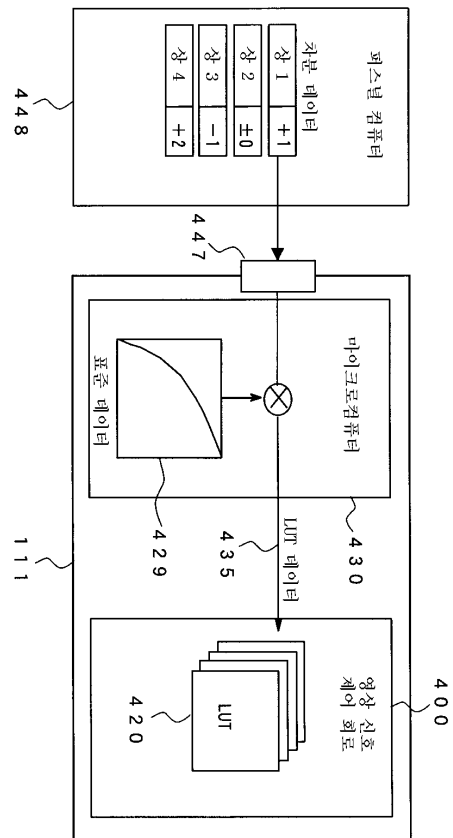


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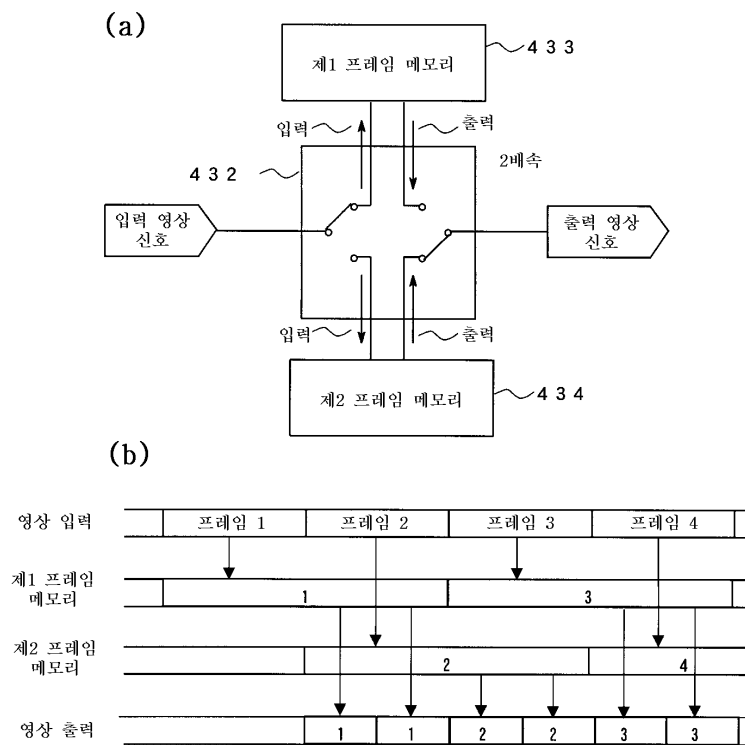


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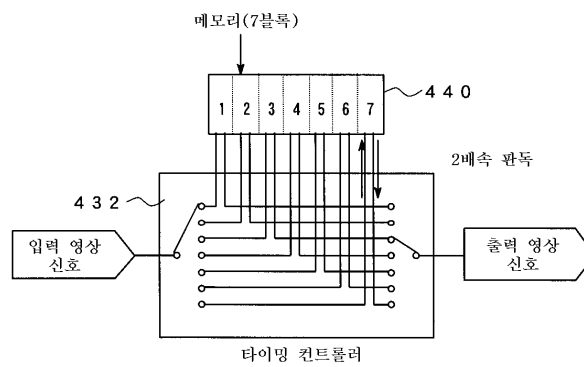




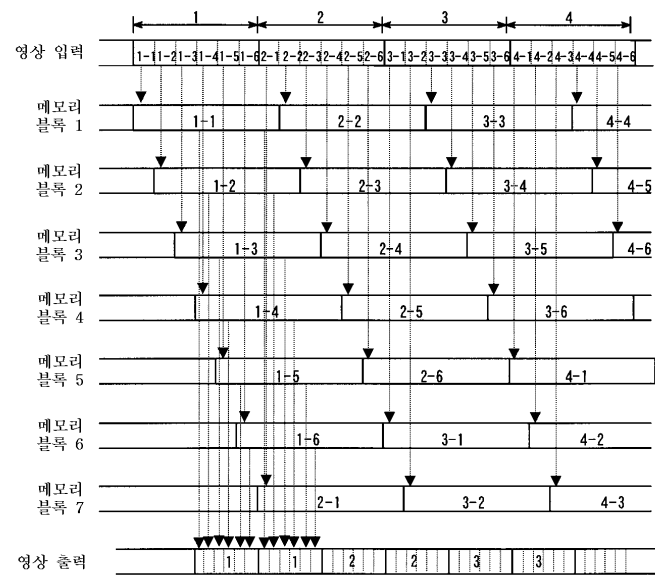
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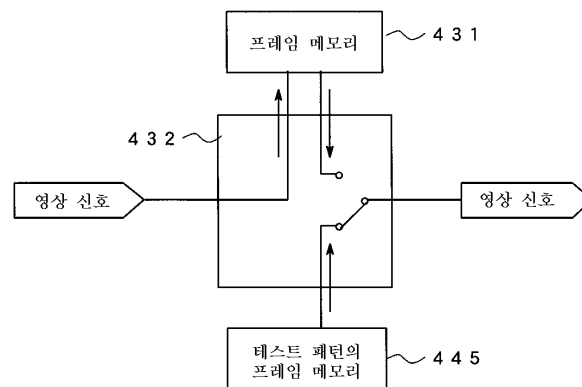
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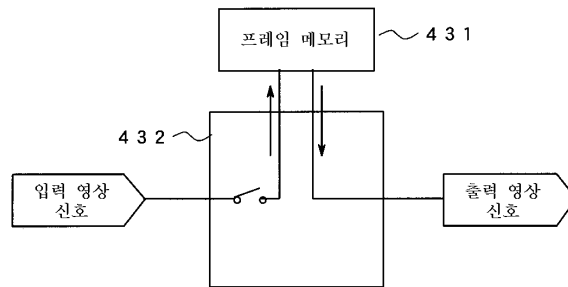
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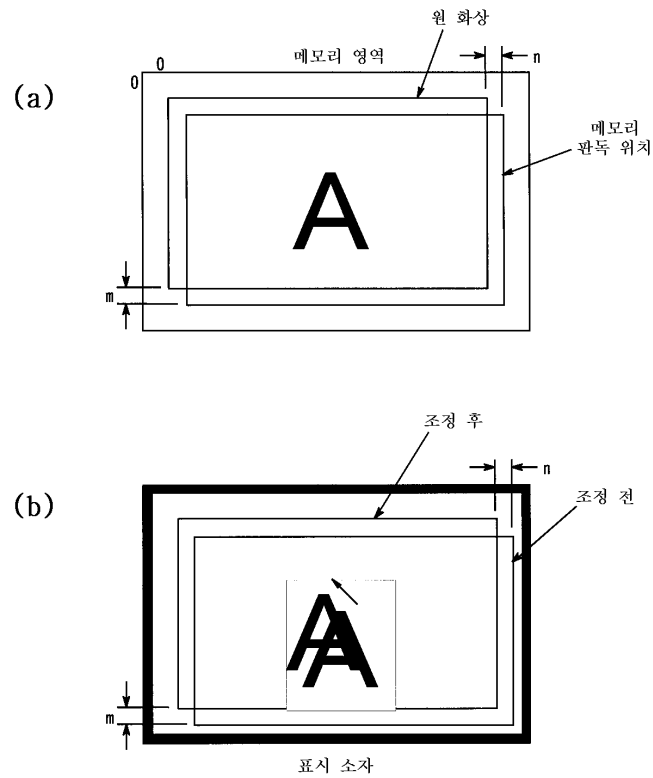
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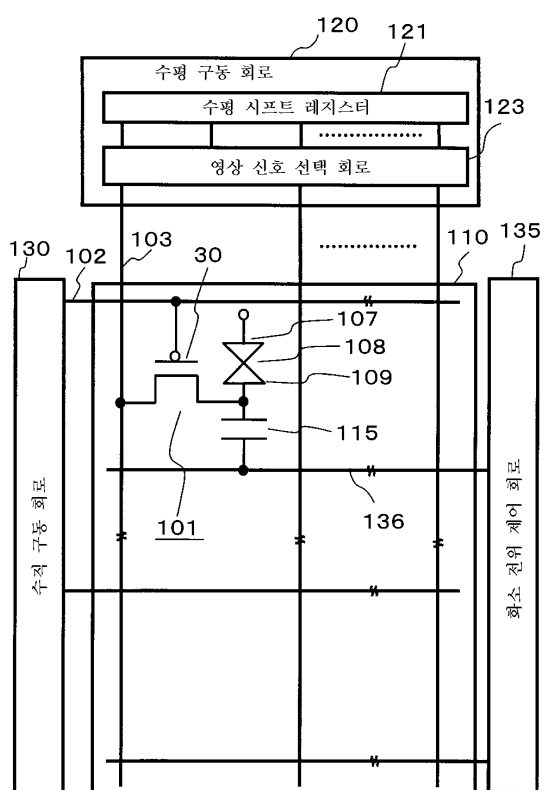


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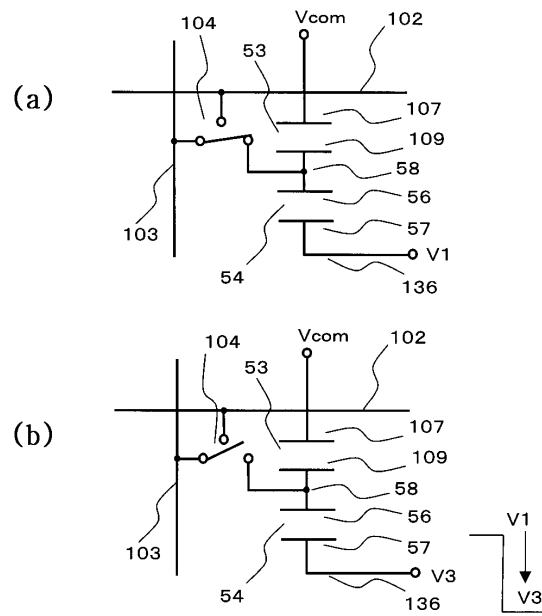


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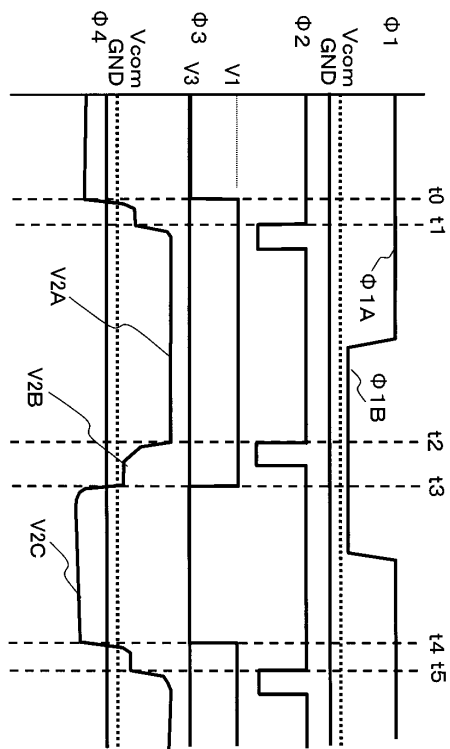




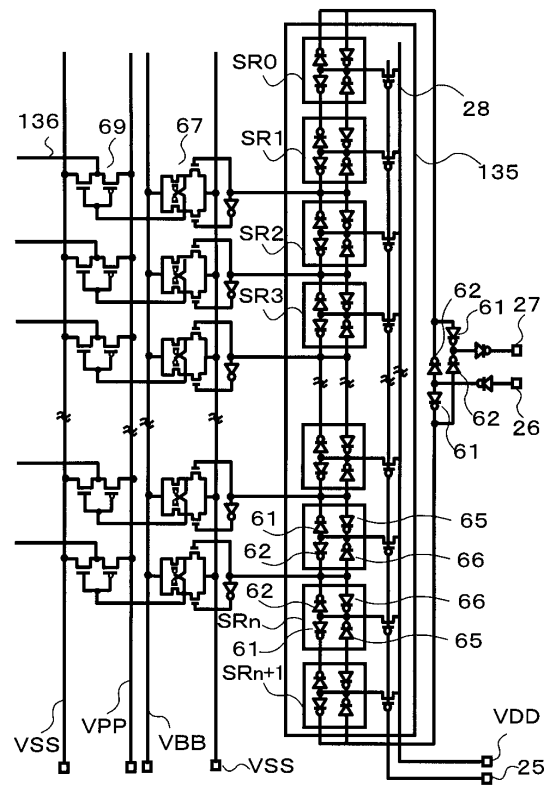
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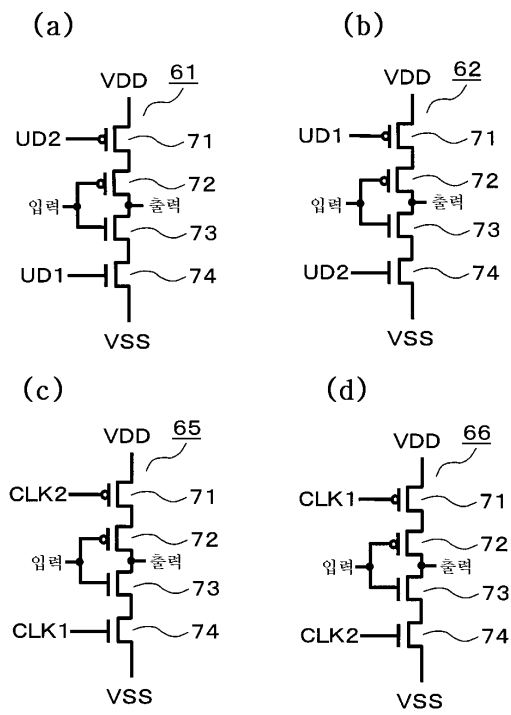
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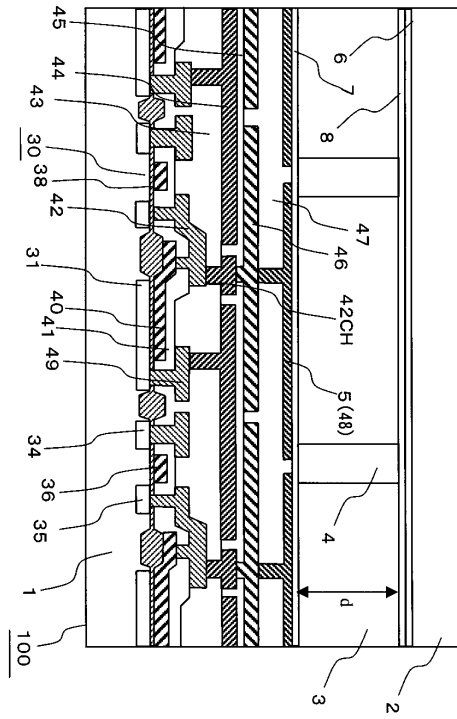
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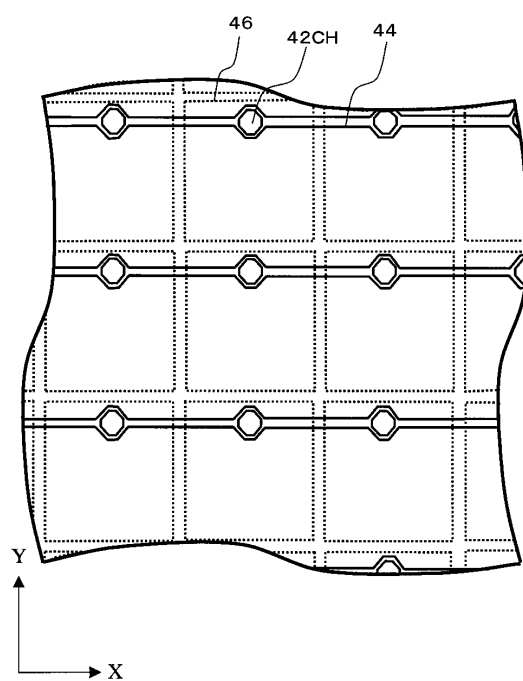
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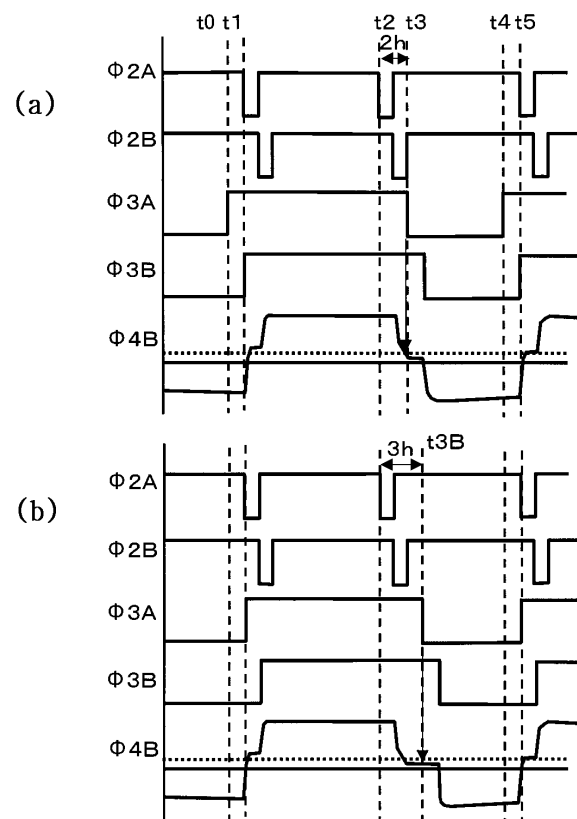
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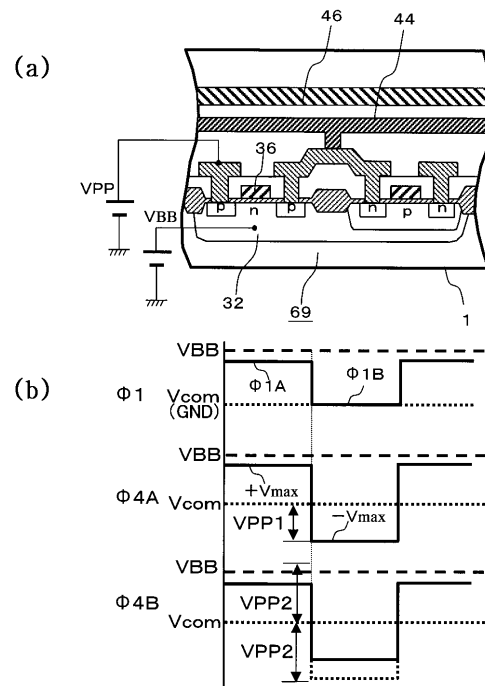
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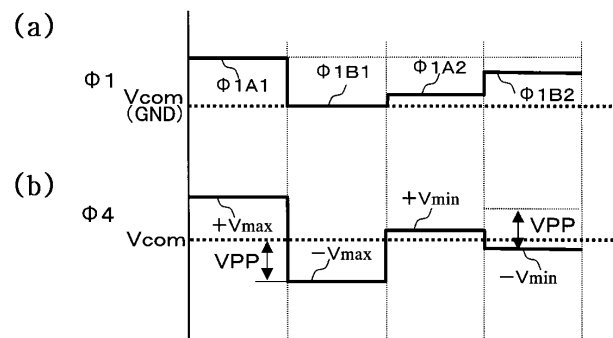
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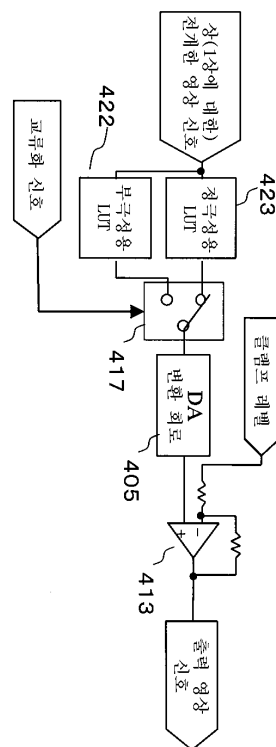
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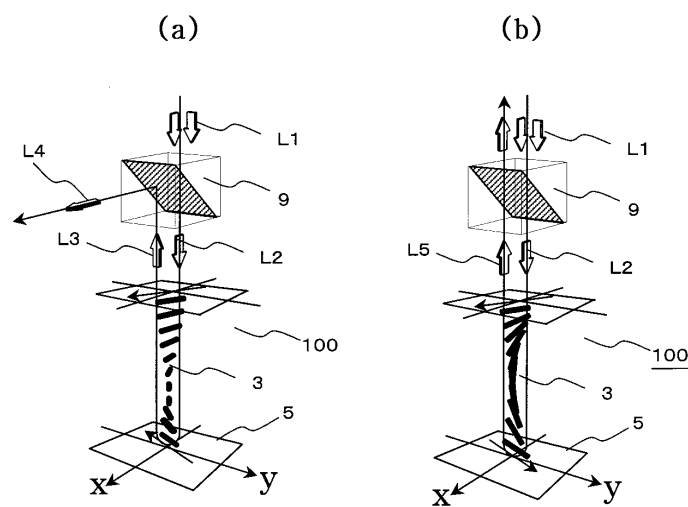
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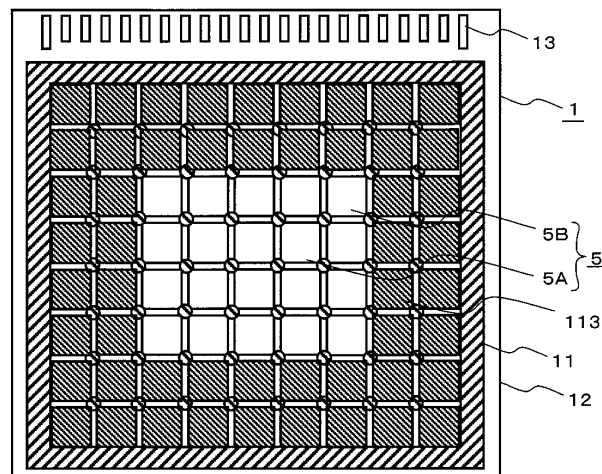
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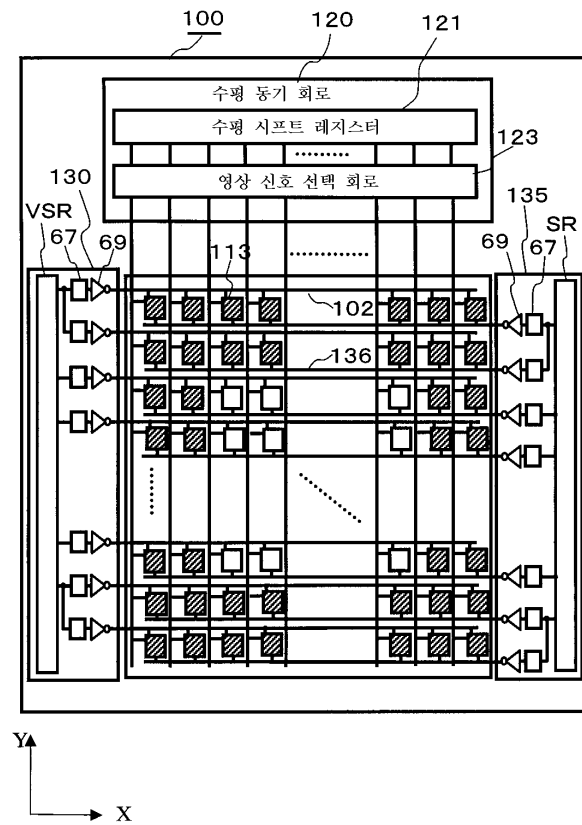
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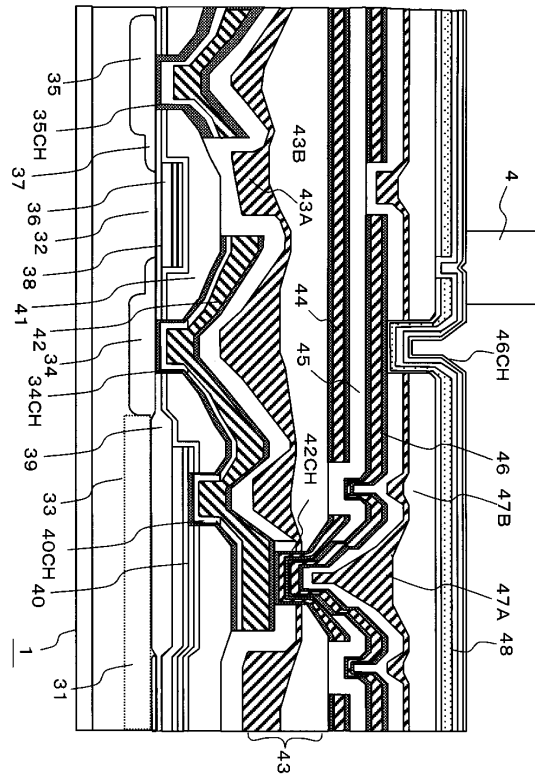
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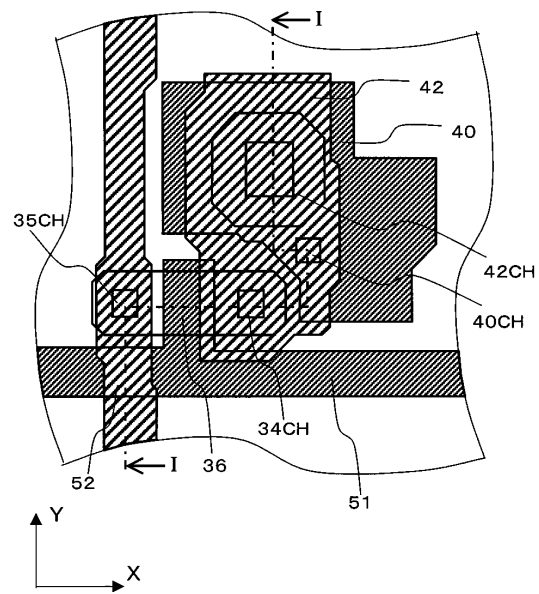
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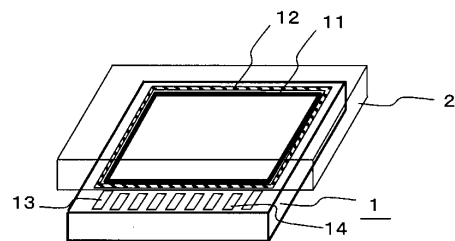
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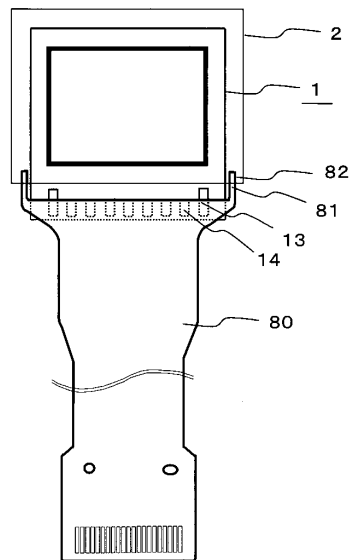
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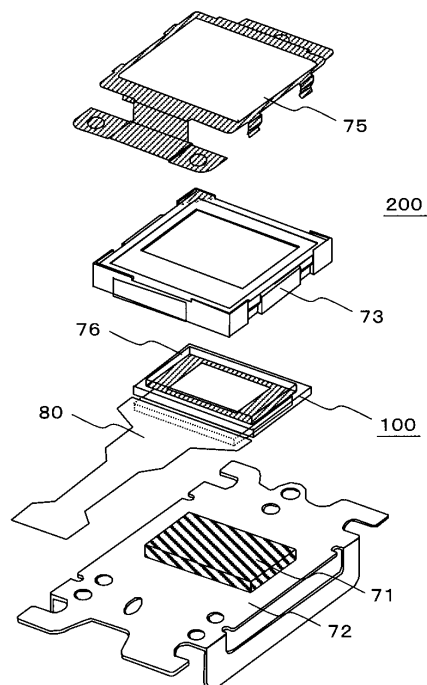
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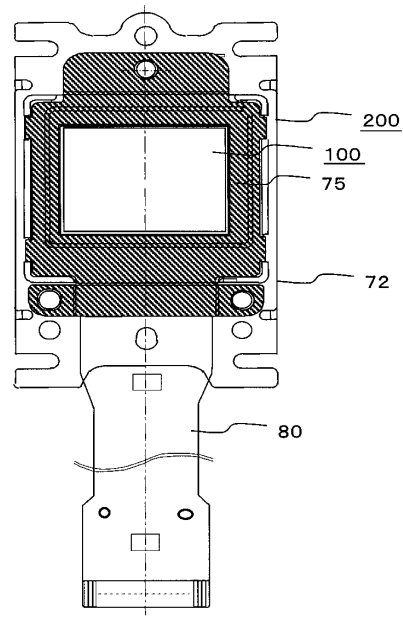
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专利名称(译)	液晶显示器		
公开(公告)号	KR1020020093625A	公开(公告)日	2002-12-16
申请号	KR1020020031962	申请日	2002-06-07
[标]申请(专利权)人(译)	日立HITACHI SEISAKUSHODBA 日立器件工程株式会社		
申请(专利权)人(译)	株式会社日立制作所 地伤装置工程可否让这个夏		
当前申请(专利权)人(译)	株式会社日立制作所 地伤装置工程可否让这个夏		
[标]发明人	MARUOKA YOSHIO 마루오까요시오 MISONOU TOSHIKI 미소노우도시키 MAEDA TOSHIO 마에다도시오 WATANABE AKIHIRO 와타나베아끼히로 NAKAGAWA HIDEKI 나카가와히데끼		
发明人	마루오까요시오 미소노우도시키 마에다도시오 와타나베아끼히로 나카가와히데끼		
IPC分类号	G09G3/20 H04N5/74 G09G3/36 G09G5/00 G02F1/133 G09G3/00		
CPC分类号	G09G2320/0247 G09G3/2011 G09G2320/0285 G09G2320/0233 G09G2320/0673 G09G2320/0693 G09G2340/0435 G09G2320/0276 G09G2330/12 G09G2320/0613 G09G3/2092 G09G3/20 G09G2320/0626 G09G3/3614 G09G2352/00 G09G2300/0876 G09G3/001 G09G2310/0232 G09G2320/066 G09G5/006 G09G5/005 G09G2320/0209 G09G2320/0606 G09G3/3655 G09G3/3648		
代理人(译)	CHANG, SOO KIL		
优先权	2001173410 2001-06-08 JP		
其他公开文献	KR100506434B1		
外部链接	Espacenet		

摘要(译)

用途：为了减少由于相位变化而输入模拟视频信号的液晶显示装置的电路偏差引起的显示质量下降。组成：为了校正多个模拟电路之间的差异，将模拟电路的对比表保存在数字信号处理电路中，然后使用对比表中设置的数据校正模拟电路之间的差异。

