

(19)
(12)

(KR)
(A)

(51) 。 Int. Cl. 7
G09G 3/36

(11)
(43)

2003-0036043
2003 05 09

(21)
(22)

10-2002-0066477
2002 10 30

(30)

JP-P-2001-00334692 2001 10 31
JP-P-2002-00063394 2002 03 08

(JP)
(JP)

(71)

가 가

2 2 3

(72)

2 2 3 가 가

2 2 3 가 가

(74)

:

(54)

가

1 (現)

1

1

2

1 1

2 1

3 1

4	1				,
5					,
6					,
7					,
8					,
9					,
10	1				,
11	.	가			,
12	2				,
13	2		1		,
14	13				,
15	13				,
16	2		2		,
17	16				,
18	16				,
19	2		3		,
20	19				,
21	19				,
22	3				,
23	3		1		,
24	23				,
25					,
26	3		2		,
27	26				,
28					,
29	3		3		,
30	29				,
31					,
32	4				,

33	4		,
34	5		,
35	5		,
36	5	1	,
37	36		,
38	36		,
39	36		,
40	5	2	,
41	40		,
42	40		,
43	40		,
44	40		,
45	5	3	,
46	45		,
47	45		,
48	45		,
49	6		,
50	7		,
51	7		,
52	7	1	,
53	52		,
54	52		,
55	52		,
56	7	2	,
57	7	3	,
58	7	4	,
59	8		,
60	8		,
61	9		,

62	9		,
63	10		,
64	10		,
65	10		,
66	11	1	,
67	11		,
68	11	2	,
69	11	3	,
70	11	4	,
71	11	5	,
72			,
73			,
74			.

1 :	2 :	
3 :		4 :
5 :	6 :	
7 :	8 :	
9 :	10 :	
11 :		St1 :
St2 :		St3 :
St4 :		St5 :

, 가 .

,
.

72
101 6-189232 1 72 100 A/D 1
102
103
104 .

. A/D (100)
(101) (102)
1 (101) (102) A/D
(100)가 , (102)가 1
(103) (103) (

103) (104)
(104) 가
72 (104) 가 (101)
1 가 가 , 가
4-204593 (101)
73 , 1 , 1
, (a, B), (b, A), (b, B)
, 0 가 .

, 1
,
, 1 가 , 가
가 . , 가 가 가 .

, 73 (101) (101)
, 가 . 74
74 , (a) $n+1$, (b) (a) $n+1$
, (c) , (d) 1 n
. 74(a), (d) , n , $n+1$.

, 74(c) , (B, a), (B, b) (A, a) 가
, (B, c), (B, d) (A, c) 가 . , (150) , $n+1$
가, (50) , 1
(B, a), (B, b), (B, c), (B, d) .

, 가 , 가 가 가 ,
가 가 .
, , 가
.
, 1 , 가
.

0(zero)

, 1 2 ,
4 1 1 2
, 1 1 2
, 1
, 1
가
1 1
2 , 1 2
.
, 1
.
1 2 2 가
, 3 4 3 2 4
, 1 2 2 가
1 3 2 2 4 4
, 3 2 2 1 4
1
가 1 1 5 6 5 , 2 2 6
, 5 6
가 1 1 5 2 , 2 1 6
6 , 5 2 1
, 1
2
, 1 1 2 , 1 1 2
.

(9) D_j1 D_c D_i1 가 () , D_i1

(10) D_j1 가 .

1 2 .

$Da1$ $St1$, $St2$ (4) D_i1 $Da1$, 1 $Da0$

$St3$, D_i1 1 (5) $Da1, Da0$,

$Db1, Db0$ $St4$ (6, 7) $St5$ (8) ,

$Db1, Db0$ D_c 가 D_i1 , D_j1 (9) St

1 $St5$ D_i1 1 .

3 (8) D_c (LUT)(11) D_c1 (11)

$Db0, Db1$ D_c1 D_c .

4 (11) $Db0, Db1$ 8

(256) , 0 255 , 4 $Db0, Db1$ (11) 2 $D_c1=dt(Db1$

, $Db0$) D_c $D_i1=127$, 75%가 50% $V75$ 가 5 $V50$ 가 0% $V50, V75$ 가 1

$D_i1=191$, 1

5 , $V75$ 가 , 1 50%가 .

50% $V75$ 1 D_i1 0 127 , $D_j1=191$

(10) , 1 가 .

6 , x D_i1 () , z 1

, y 1 D_j0 (1 D_i1 8 , 1 6

256×256 , 256×256 .

8x8 .

7 1 D_i1 8 , 7 D_c D_i

1 가 1 D_c . 256×256 .

8x8 .

6 D_c , 1 (11) , 1 ,

256×256 가 .

8 . 9 8 D_i1 가 1

D_c D_i1 6, 8 , D_c (11) ,

$D_c = dt(Db1, Db0)$ 가
 , , () () 가
 $Db0$, $Db1$, $dt(Db1, Db0)$
 ,
 (8) (11) D_c1 D_c (9)
 D_c $Di1$ 가 , $Dj1$
 (10) $Dj1$ 가
 10 $Di1, (b)$ D_c $Dj1$ 10 , (a) $Dj1$
 가 $Di1$ 가 $10(c)$, (c)
 가 , D_c 가 $10(b)$,
 $Dj1$, $V1, V2$ $Di1$ 가 ,
 $Dj1$ (10) ,
 , 10(c) , 1
 , D_c , $Di1$ 1 (4) $Di1$
 , $Di1$ 1
 D_c , $Di1$
 , D_c , $Db0, Db1$
 (4) (6, 7)
 D_c , $Dj1$,
 11 가 $Dj1$ 11(d)
 $Di0$ $Di1, 11(a)$ 1
 , $11(d), (a)$ $Di1$ 1
 , 11(b), (e) $11(d), (a)$ $Di1$ 1
 $Di0$, 11(b), (e) FTBC
 , (La, Lb) 8 , 1
 1(c), (f) 11(e), (b) $Db0, Db1$ D_c 1
 1(g) 11(c), (f) (9) (10) $Dj1$
 , 11(h)
 11(d), (f) , $Di1$ 가 ,
 11(c), (f) $Db0, Db1$ D_c , 11(g) Dj
 , D_c 0 , 11(h) (10)
 1
 (11) 가 8
 ,
 ,
 , D_c $Di1$, D_c 1.
 0 , D_c $Dj1$ (10) 가 (9)
 ,
 (2)
 13 2 (8) 1 (12)
 $Db1$, 8 3
 $Db1$ $De1$ (13)
 $De1$ $Db0$ D_c1

12 13 St6 , (8) , Db1 가 .
 (12) , (13) De1
 , St4 , Dc1 1
 Db0 ,
 가 .

14 13 (13) , , (13)
 De1 3 (8) 0 7 14 ,
 2 256×8 , 3 De1 8
 Db0 De1, Db0 Dc1=dt(De1, Db0)
 (12) ,

15 De1 (13)
 , (12) Db1 De1 15
 , 가 가
 Dc1
 , , 가
 , Dc1

16 (8) 2 (14)
 Db0 , , 8 3
 Db0 De0 (15)
 De0 Db1 Dc1

17 16 (15) , , (15)
 De0 3 (8) , 0 7 17 ,
 2 8×256 , 3 De0 8
 Db1 Db1, De0 Dc1=dt(Db1, De0)
 (14)

18 De0 (15)

19 (8) 3 (12, 14)
 , , 8 3
 Db1, Db0 De1, De0 (16)
 , Db1, Db0 Dc1
 De0, De1

20 19 (16) , ,
 De1, De0 3 (8) , 0 7 20 ,
 (16) 2 8×8 , 3 De1, De0 D
 e1, De0 Dc1=dt(De1, De0)
 (12, 14)

21 De1, De0 (16)
 ,
 , (13, 15, 16) Db1 / Db0
 , (8)

, , (12, 14) , 8 3
 , , .
 (3)
 23 3 (8) 1 (17)
 Db1 , , 8 3
 De1 (17) k1
 (18) , 3 De1 8 Db0
 Df1, Df2 (19) , Df1, Df2
 k1 , Dc1 .
 22 23 (8) St6 (17) Db1
 . , k1 .
 St4 (18) De1
 Db0 , Df1, Df2가 St7
 (19) Df1, Df2 k1 Dc
 1 . 1 가 .
 24 (18) De1 2 De1
 3 (8) 0 7 24 (18) 2
 256×9 , 3 De1 8 Db0
 dt(De1, Db0) Df1 , Df1
 dt(De1+1, Db0) Df2 . Df1
 (19) Df1, Df2 k1 , 1
 Dc1 .

$$D c 1 = (1 - k 1) \times D f 1 + k 1 \times D f 2$$

25 1 Dc1 25
 , s1, s2 (17) Db1
 . s1 De1 , s2 D
 e1 1 De1+1 .
 k1 2 .

$$k 1 = (D b 1 - s 1) \div (s 2 - s 1)$$

단, $s 1 < D b 1 \leq s 2$

) (9) Dc1 , 2 , Dc (8
 (9) Dj1 (10) (9) Di1 Dc
 .
 , Db1 k1
 (De1, Db0) (De1+1, Db0) Df1, Df2 ,

$Dc1$, $De1$ 가 Dc
 26 3 (8) 2 (20)
 $Db0$, 8 3 ,
 $De0$ (20) $k0$,
 (21) , 3 $De0$ 8 $Db1$,
 $Df3, Df4$ (22) , $Df3, Df4$
 $k0$, $Dc1$.
 27 (21) $De0$
 3 (8)) 0 7 . 27 , (21) 2
 256×9 , 8 $Db1$ 3 $De0$
 $dt(Db1, De0)$ $Df3$, $Df3$ $dt(Db1, De0)$
 +1) $Df4$.
 (22) $Df3, Df4$ $k0$ 3
 $Dc1$.

$$Dc1 = (1 - k0) \times Df3 + k0 \times Df4$$

28 3 $Dc1$ 28
 $s3, s4$ (20) $Db0$
 $s3$ $De0$, $s4$
 $De0 + 1$.
 $k0$ 4 .

$$k0 = (Db0 - s3) / (s4 - s3)$$

단, $s3 < Db0 \leq s4$

3 $Dc1$ Dc (8)
 (9) $Di1$ Dc ,
 $Dj1$ (10) .
 $Db0$ $k0$
 $(Db1, De0)$ $(Db1, De0 + 1)$ $Df3, Df4$,
 $Dc1$, $De0$ 가 Dc .
 29 3 (8) 3 (17, 20)
 $Db1, Db0$, 8 3
 $De1, De0$. (17, 20) $k0, k1$.
 (23) 3 $De1, De0$ $Df1$ $Df4$.
 (24) $Df1$ $Df4$ $k0, k1$ $Dc1$.
 30 (23) $De1$,
 $De0$ 3 (8)) 0 7 . 30 , (23) 2
 9×9 , 3 $De1, De0$ $dt(De1,$
 $De0)$ $Df1$, $Df1$ $dt(De1 + 1, De0), dt(De1, De0 + 1),$

dt(De1+1, De0+1) Df2, Df3, Df4 .

(24) Df1 Df4 k1, k0 , 5
Dc1 .

$$D_{c1} = (1 - k_0) \times \{(1 - k_1) \times D_{f1} + k_1 \times D_{f2}\} \\ + k_0 \times \{(1 - k_1) \times D_{f3} + k_1 \times D_{f4}\}$$

31 5 Dc1 31
s1, s2 (17) Db1
, s3, s4 (20) Db0
. s1 De1 , s2
De1 1 De1+1 . , s3
De0 , s4 De0 1
De0+1 .
k1, k0 6, 7 .

$$k_1 = (D_{b1} - s_1) / (s_2 - s_1) \\ \text{단, } s_1 < D_{b1} \leq s_2$$

$$k_0 = (D_{b0} - s_3) / (s_4 - s_3) \\ \text{단, } s_3 < D_{b0} \leq s_4$$

5 Dc1 , 2 Dc
(8) (9) Di1
Dc , Dj1 (10) .

Db0, Db1 k0, k1
(De1, De0), (De1+1, De0), (De1, De0+1) (De1+1, De0+1)
Df1, Df2, Df3, Df4 Dc1 , De0, De1
가 Dc .

(19, 22, 24) , ,
Dc1 .

(4)

33 4 (2)
25) , (5), (8) (9) .
6) Di1 , , 8 3 (26)
Da1 , (5) (8) 1 (5)
Da0 Da1 1 , 1

(10) (9) (8) Dc Da1 1 Di1 Da0 Dc Dj1

(26) Da1 3 (5) Da1 1

(8) Da1, Da0

32 St8

(26) Di1 Da1 St2 St4 (5)

) (8) Da1 1 Da1, Da0 Dc가 Dj1 St5

(9) Dc

4 Di1 (8)

(5)

35 5 (28) Di1 Db1 가 (27)

Dc 1

36 (28) 1 (11) Di1

Db0, Db1 Dc1 (4) (6) (29) Di1 j1

Db1 가 Dc1 (29)

(30)

(30) (29) j1 Dc1 35 Di1

Dc Dc2 (9) Dc Dc2

34 35 St1 St4 St9

1 가 Dc1 Db1 가

(29) St10 Dc1 Dc2가 Dj1 St5

30) (9) Dc2 Di1 Db1 가 Dc

37 36 (28) 37

De1 Db1 Dc1 (12)

(28) 38 De0 Db0 Dc1

(14)

(28) 39 Db1, Db0

(12, 14) , De1, De0 Dc1

, 가 (12, 14) (13, 15, 16) 2
 37 39 (13, 15, 16)
 40 Di1 (32) Db1 (31) j2 (31)
 Dg1, Dg0 (11) Db0, Db1
 Db0, Db1 j2 Dg0, Dg1
 8 10

$$D_{g1} = D_{b1} + j^2$$

$$D_{g0} = D_{b0} + j^2$$

$$j^2 = D_{i1} - D_{b1}$$

8, 9 Db1, Db0 j2(=Di1 - Db1) 가
 Db1, Db0 j2
 (11) Dg1, Dg0 Dc1
 (28) , 35 (11) Dc1 Dc
 (9)
 가 Di1 Db1 j2 Db1, Db0
 Db1, Db0
 Dg1 11 Di1

$$D_{g1} = D_{b1} + D_{i1} - D_{b1} = D_{i1}$$

41 Dg1 Di1 (11)
 42 40 (28) Dg1 42 (12)
 (32) De1 Dc1

(28) , 43 (32)
 Dg0 (14) , De0
 Dc1 .
 (28) , 44 (32)
 Dg1, Dg0 (12, 14) ,
 De1, De0 Dc1 .
 , 42 44 , (13, 15, 16) ,
 .
 45 (28) 3 (29)
 Di1 Db1 가 , Dc1
 j1 (30) , (31) Di1
 Db1 , j2 (32) .
 (32) , (31) j2 , Db0, Db
 1) , Dg1, Dg0 (11) (1
 (30) , Dg1, Dg0 Dc1 (30) Dc2
 j1 , Dc1 ,
 , Dc1 Di1 Db1 , Dg1, Dg0
 , Db1, Db0 가
 ,
 46 45 (28) 46 ,
 (32) Dg1 (12)
 , De1 Dc1 .
 (28) , 47 (32)
 Dg0 (14) , De0
 Dc1 .
 (28) , 48 (32)
 Dg1, Dg0 (12, 14) ,
 De1, De0 Dc1 .
 , 46 48 (28) , (13, 15, 16)
 ,
 (6)
 49 6 (34)
 (4), (5), (7), (35) (9) .
 (4) Di1 , Da1 (5) Da1
 1 Da0 Da1 1 Da0 , (5) D
 a0 , Db0 (7) Di1
 Db0 , Dc (9) (35) ,
 49 , (35) , Di1 Db0
 , Dc (6) , Di1 Da1
 (7)

51 7 (36)
 (4), (5), (7), (37) (9)
 (4) Di1 Da1 (5) (37)
 (5) Da1 1 , Da0
 (7) (37) (5) (7) Da0
 Da1 1 Db0 (37)
 (37) , Di1, Db0, Da1 (5)
 Da0 , Dc (37)

52 (37) 1 (11) , Di1
 Db0 , Dc1 (38) Da0, Da1
 , 가 , Dc1 0
 j3 (39)
 (39) , j3 , Da0, Da1 , Dc1 0
 , Dc2 (39) Dc2 , 51
 , Dc (9) Dj1 (10) (9) Di1
 Dc

50 51 1 가
 St1 St4 , Dc1 , St11 , (38)
 Da1, Da0 , 가 j3
 St12 , j3 (39) Dc2 Dc2가
 St5 , (39)
 Di1
 , Dc , Da0, Da1 Di1 Db0
 , Dc1 0

53 52 (37) 53 ,
 Db1 (12)
 De1 Dc1
 (37) , 54 , Db0
 (14) , De0 Dc1
 , (37) , 55 , Db1, Db0
 (12, 14) , De1, De0 , D
 c1

56 (37) 2 (17) Db1
 , k1 , k1 (19)
 (18) , De1 Db0
 Df1, Df2 , (19) (1)
 9) , Df1, Df2 k1 , j3 Dc1 (39) Dc1
 (39) , (38) j3 Dc1
 , Dc2
 , 56 (17), (18) (19) 3
 가

57 (37) 3 (20) Db0
 , k0 , k0

Db1 (22) , (21) , De0
 (22) , Df3, Df4 k0 (22)
 (39) , (38) Dc1 (39)
 Dc2 j3 Dc1
 , 57 (20), (21) (22) 3
 가
 58 (37) 4 (17, 20)
 Db1, Db0 k1, k0
 (24) (23) , k1, k0
 Df1, Df2, Df3 Df4 (24) De1, De0
 (24) , Df1 Df4 k1, k0 , Dc1
 (39) (39) , (38) j3
 Dc1 Dc2
 , 58 (17, 20), (23) (24)
 3 가
 (8)
 60 8 (41) (41) Di1
 40) Dh1 (41) , Dh1
 , Da1 (4) (41) , Dh1
 , Da0 (5) Da1 1 , Db1
 (8) , (7) Da0 , Db0
 , 1 가 , (4)
 59 60 St13 (41) Di1
 Dh1 St1 , Dh1 가
 St2 St5 1 가
 , , Di1
 , 가
 , 가 (41)
 가 가
 (9)
 62 9 (43)
 Di1 가 , Dk1
 , Da1 (4) (43) , Dk1
 , 1 가
 61 , 62 (43)
 St14 , Di1
 Dk1 . 2 St1 , Dk1 가
 . St2 St5 1 가
 , , Di1
 , 가

(10)

64 10 (2)
 (R), (G), (B) (44)
 (45, 46, 47) (45) R, G, B Di1 (Y) (C)
 Y-C , Y-C Dm1 (4)
 Dm1 Da1 1 (5) ,
 Da0 (6, 7) , Da1, Da0 1
 Db1 1 Db0
 (46, 47) Y-C Db1, Db0 R, G, D
 B n1, Dn0 , R, G, B Dc (8)
 Dn1, Dn0

63 64 1
 St15 (45) R, G, B Di1
 Y-C Dm1 Da1 St1
 (4) Dm1 Da1 St2
 (5) Da1 1 Da0
 St3 (6, 7) 2 Da1 1 Da
 0 Db1, Db0 Db1, Db0 St16 Y-C R, G, B
 (46, 47) Dn1, Dn0 St4 ,
 Dn1, Dn0 Dc가
 , R, G, B Y-C Dm1
 (5) () 가 Da1
 가 , Da1
 , ,

65 65 (2) ,
 가 (48) , (49) Y-C Di1 , R, G, B
 Dn2 (46, 47) Db1, Db0 R, G, B
 Dn1, Dn0

(11)

66 11 1 66 ,
 (50) , (4) (9) Dj1
 Da1 (5) Da1 1
 Da0 (6, 7) Da1, Da0 Db
 1, Db0 Db1 (9) Dj1 ,
 8) Db0, Db1 Dj1 1 가
 Dc (9) 1 Di1
 Dj1 (10) (4) ,
 67 (10) 67 , (a) 가
 Di1, (b) Dj1 , (c) 1
 가 . , Dc 67(b) ,
 가 , Dj1 (10) , Dj1
 가 , 67(c) , 1

[illegible]

(57)

1.

가

2.

가

,
,
1

,
1 1 2 ,
1 2 ,

.

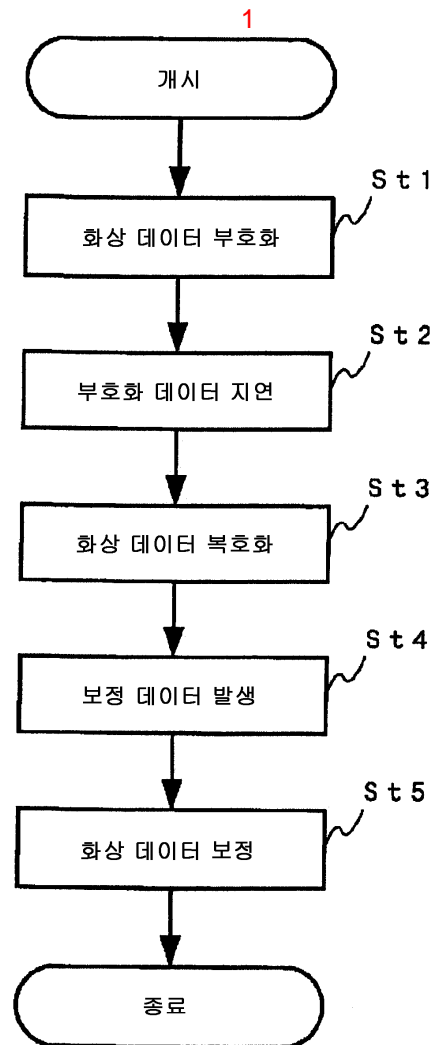
3.

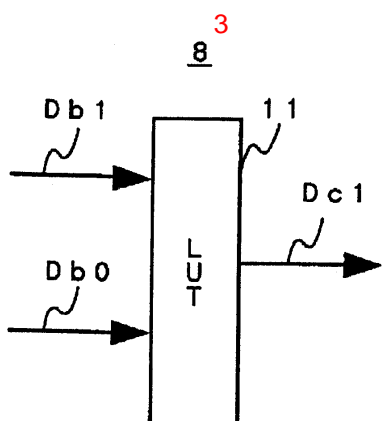
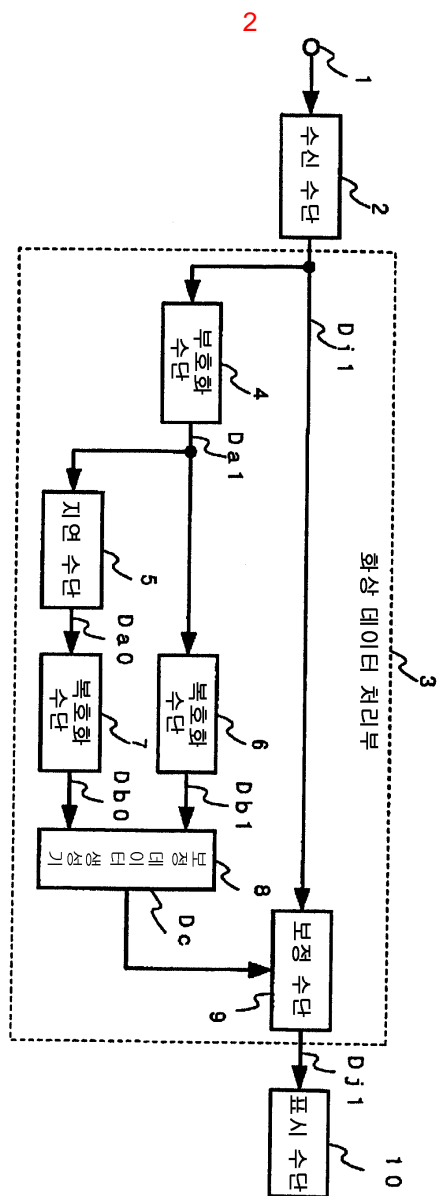
가

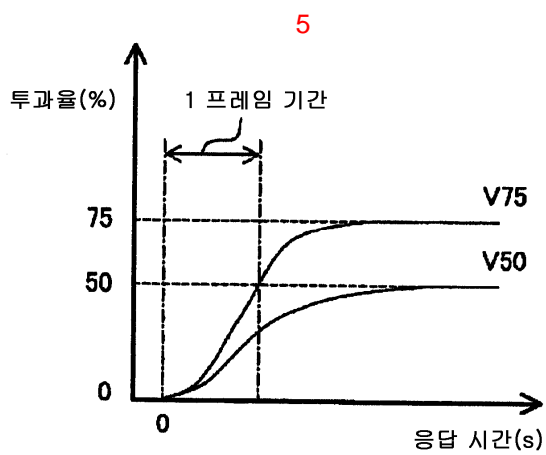
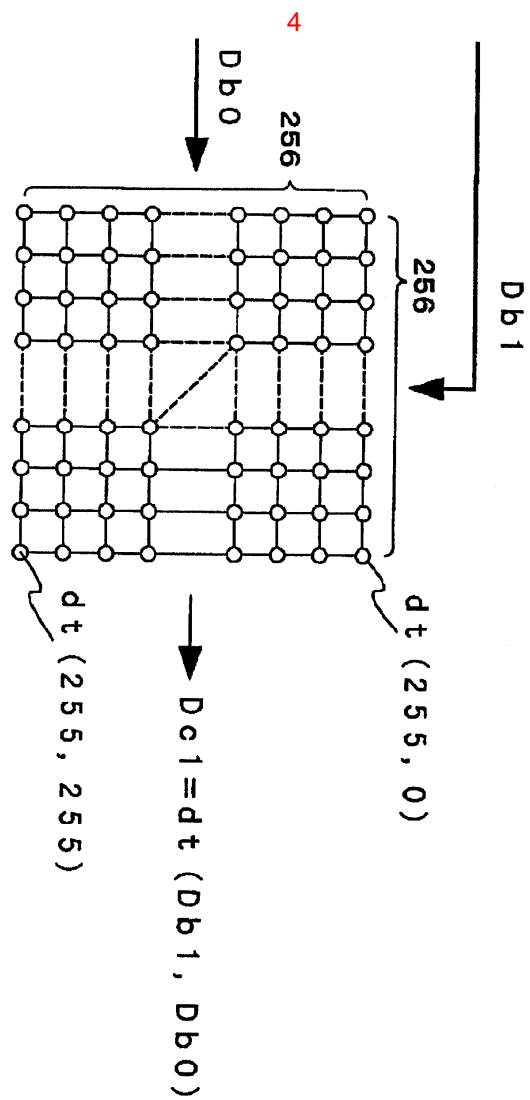
,
,
, 1 ,

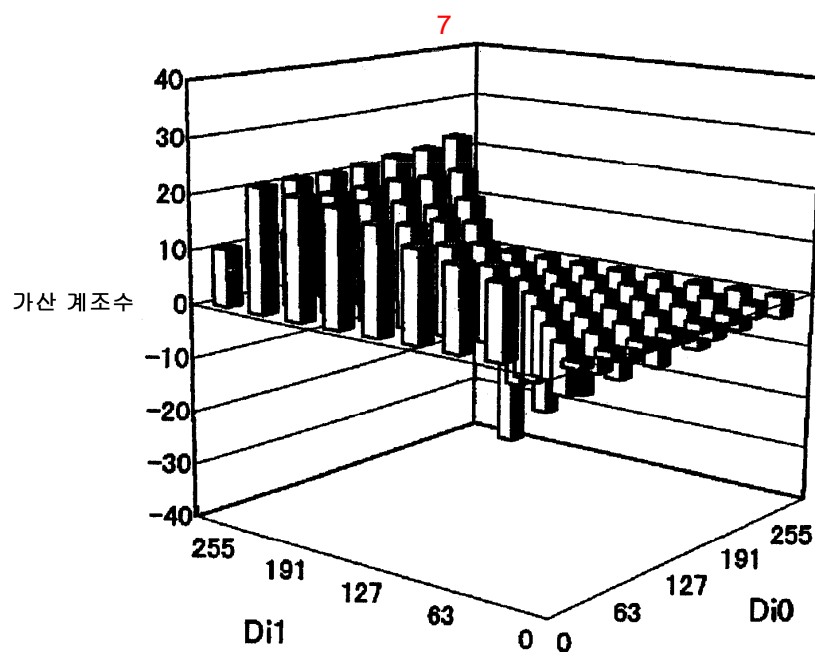
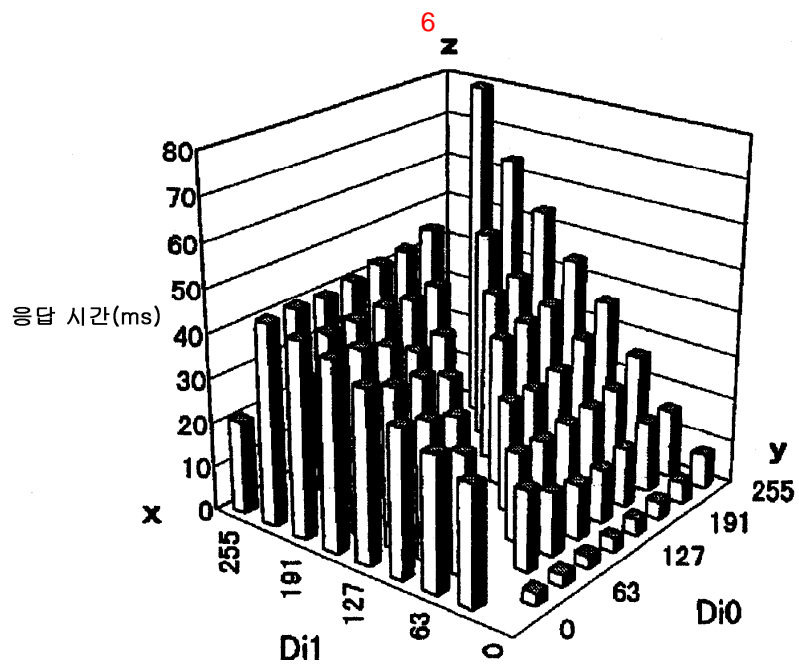
1 1 , 2 ,
2 ,
,
,
,

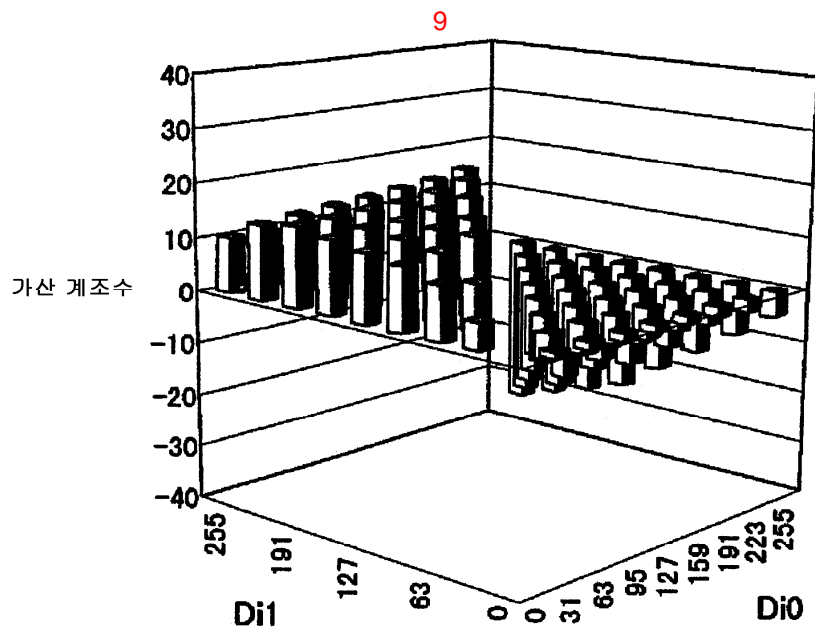
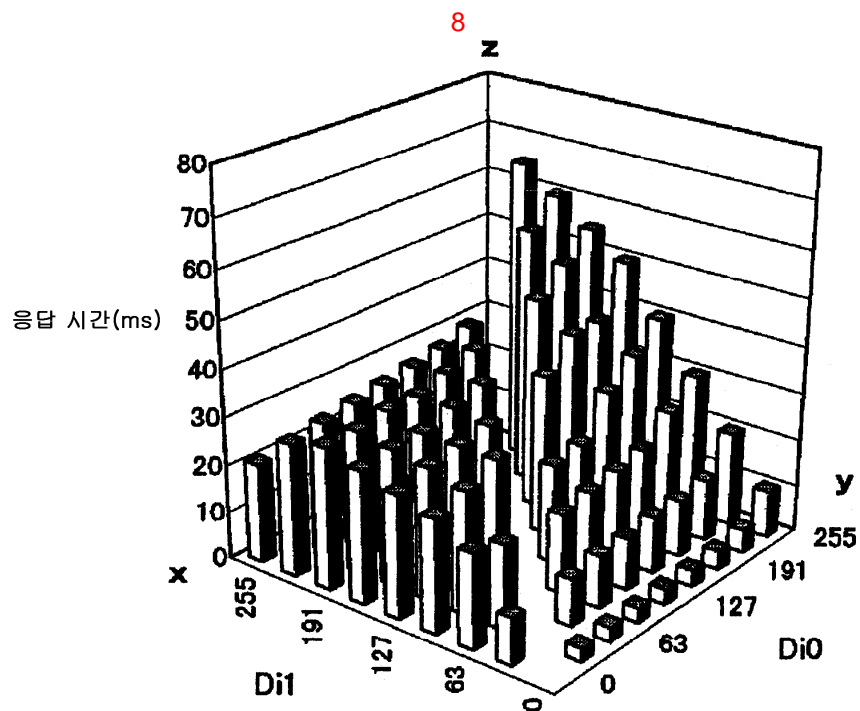
.

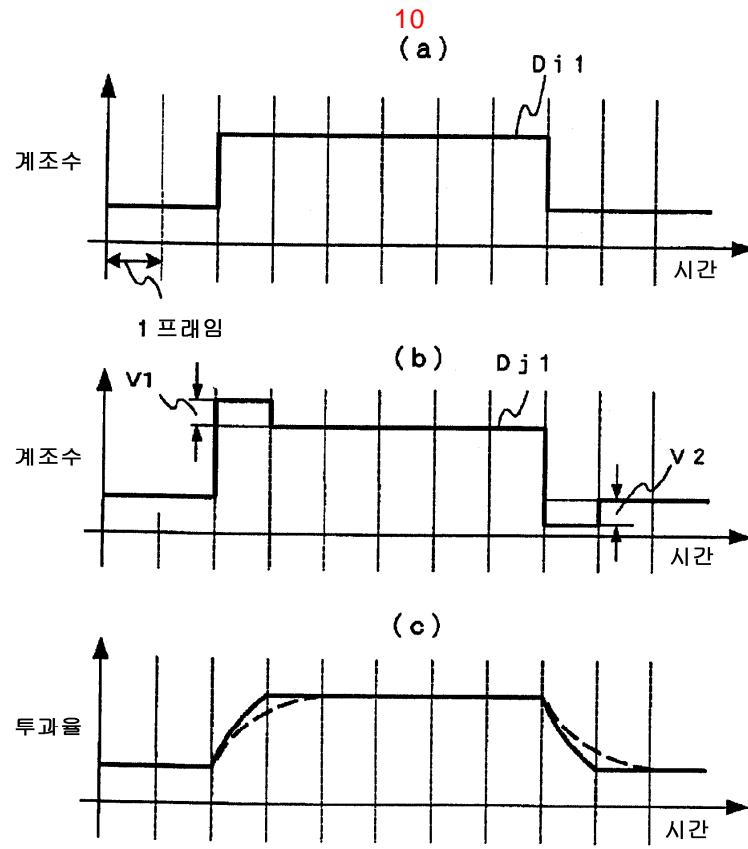












11

52	152	52	52
52	152	52	52
48	148	48	48
48	148	48	48

(a)

L_a=100 L_b=100
0 1 0 0
0 1 0 0
0 1 0 0
0 1 0 0

(b)

50	150	50	50
50	150	50	50
50	150	50	50
50	150	50	50

(c)

52	152	52	52
52	152	52	52
48	148	48	48
48	148	48	48

(d)

L_a=100 L_b=100
0 1 0 0
0 1 0 0
0 1 0 0
0 1 0 0

(e)

50	150	50	50
50	150	50	50
50	150	50	50
50	150	50	50

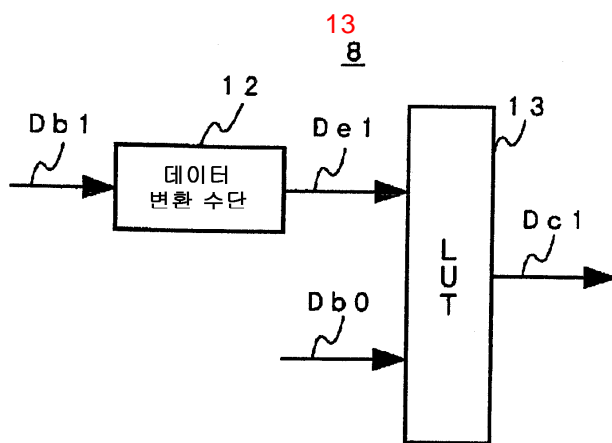
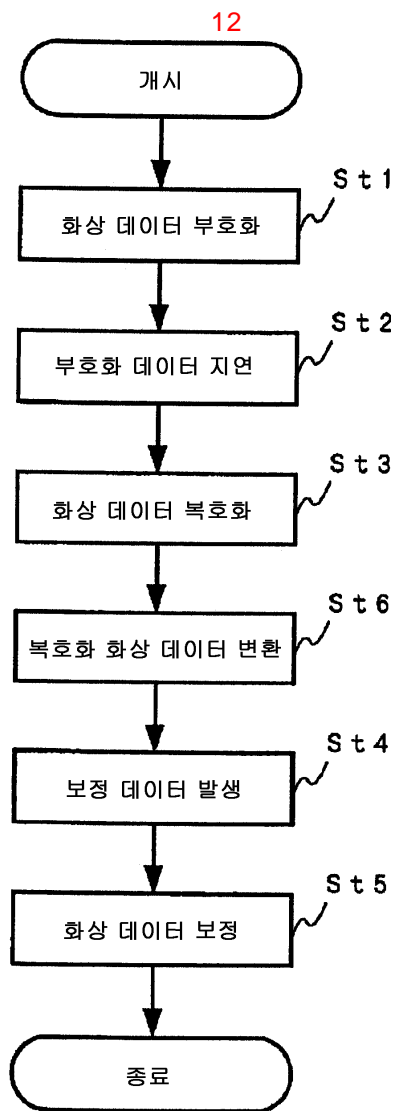
(f)

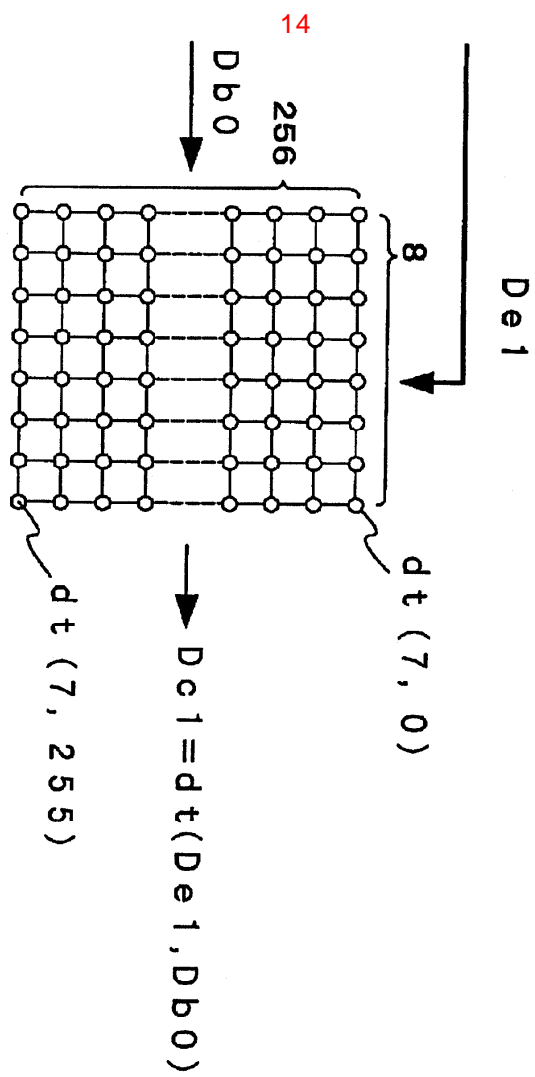
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

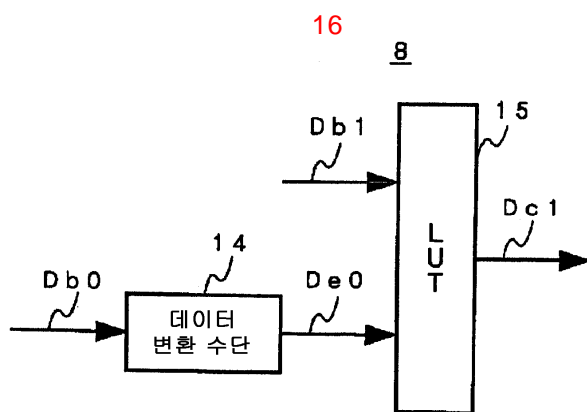
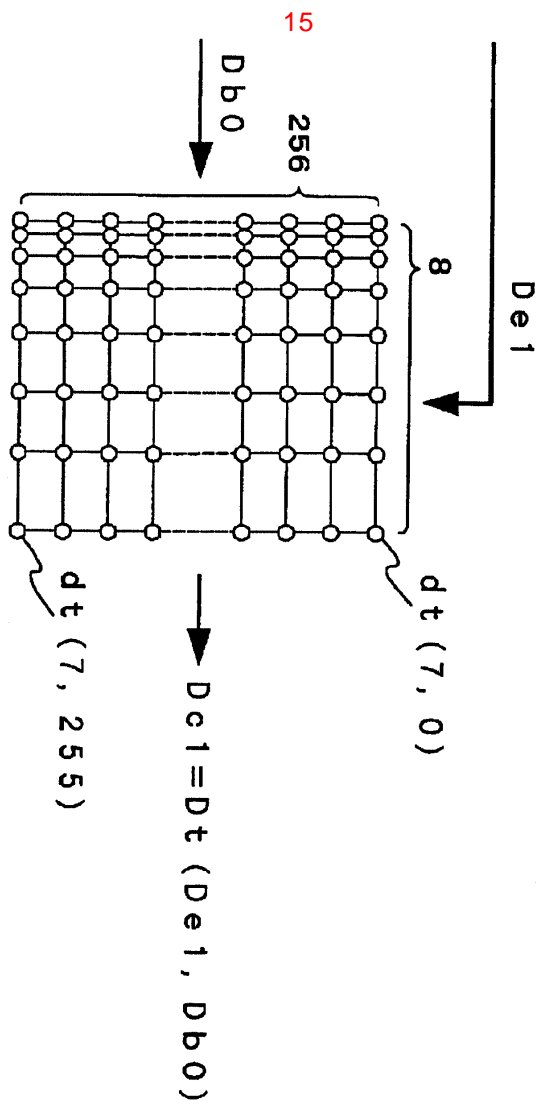
(g)

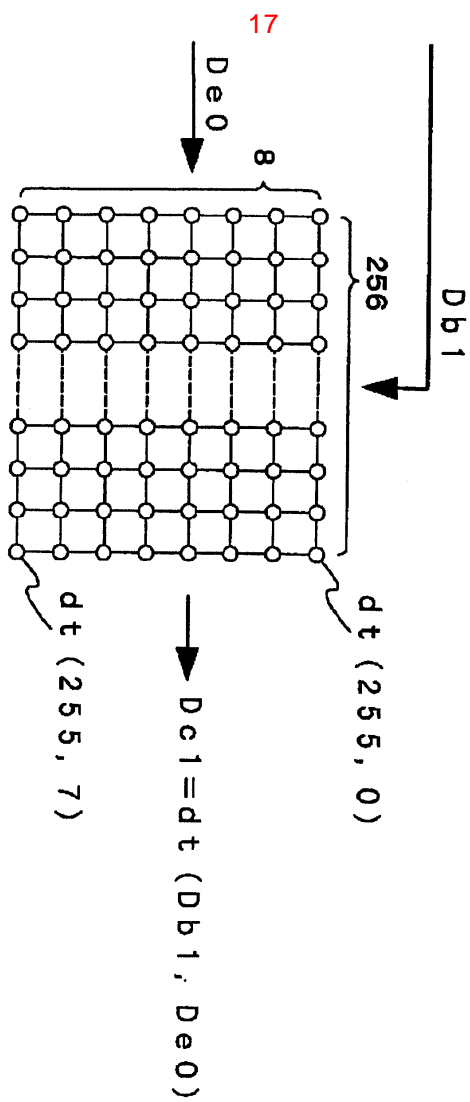
52	152	52	52
52	152	52	52
48	148	48	48
48	148	48	48

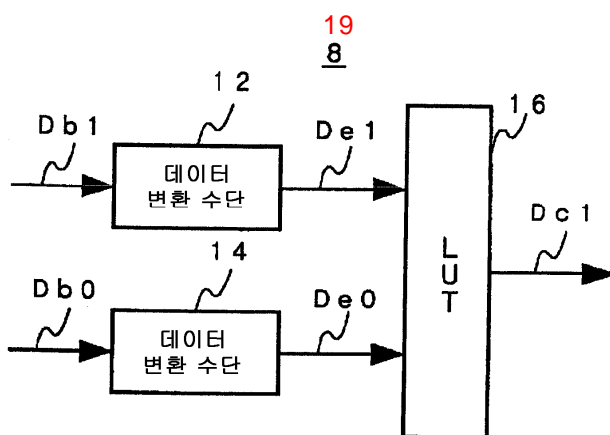
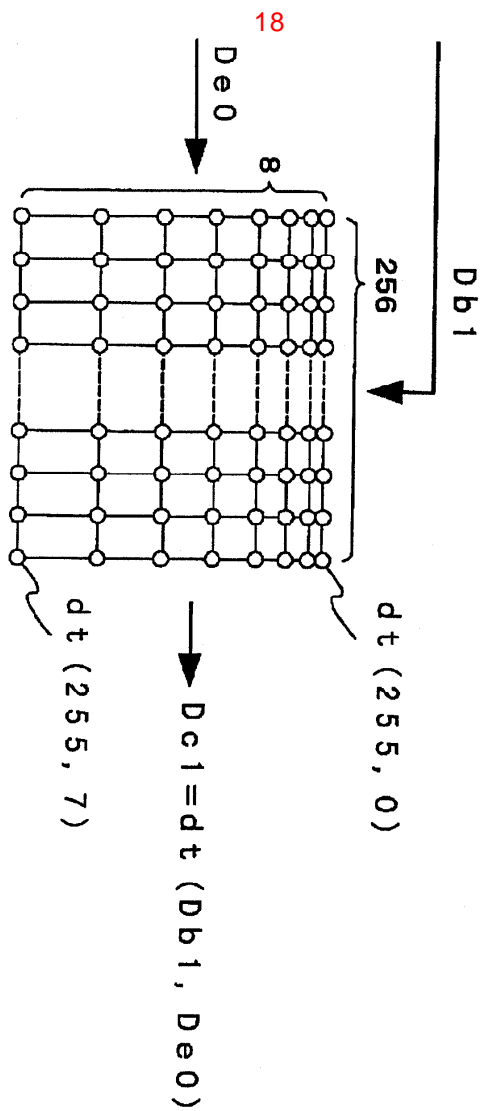
(h)

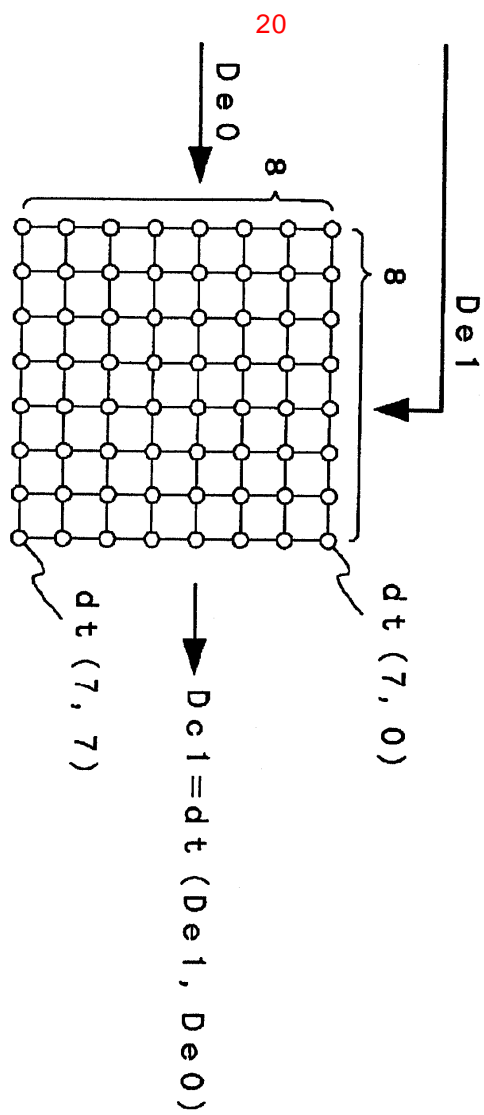


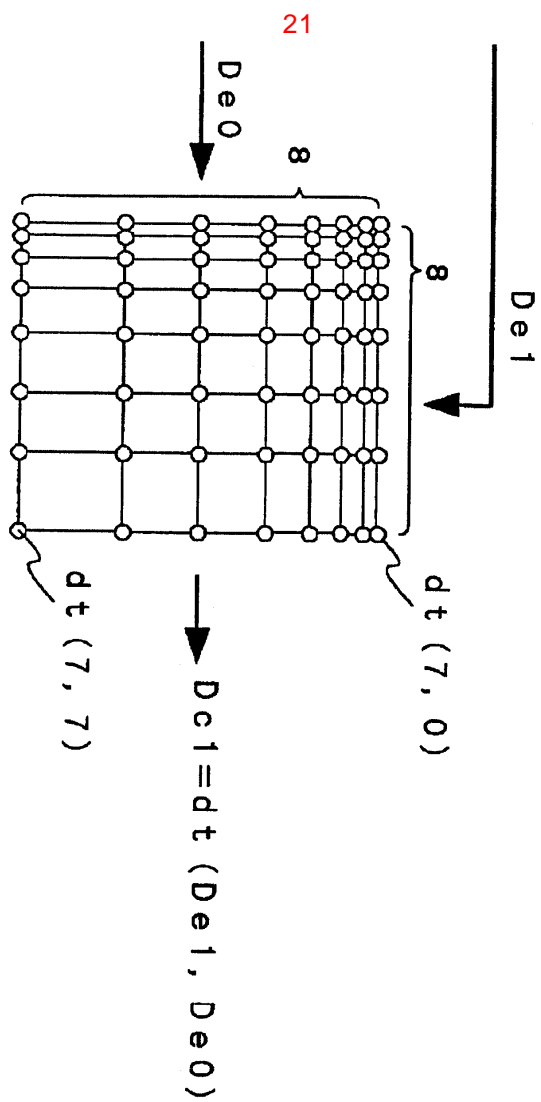


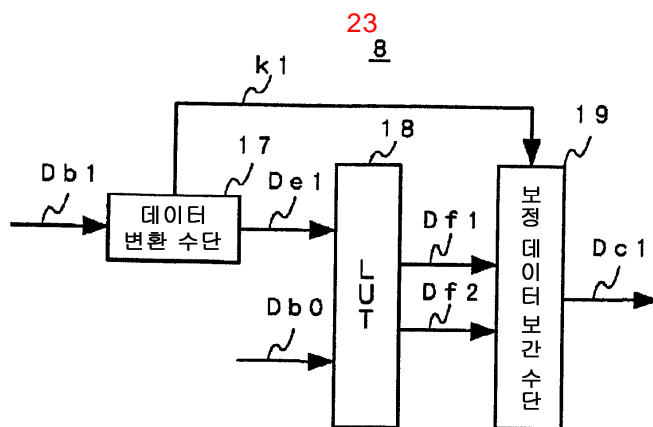
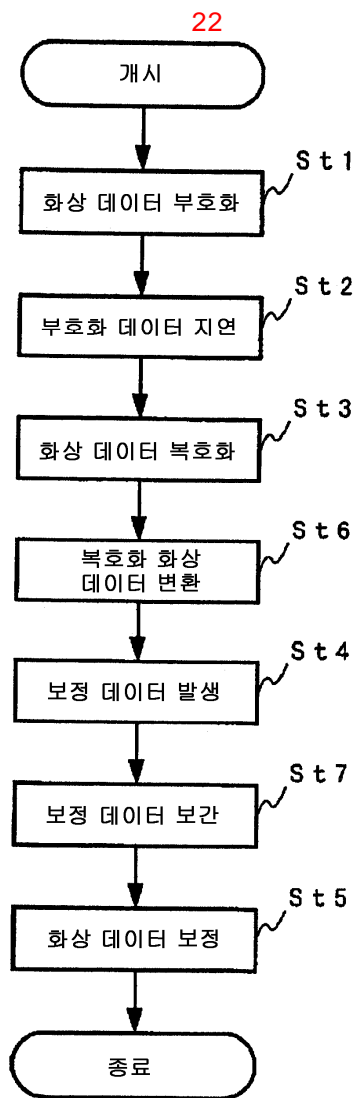


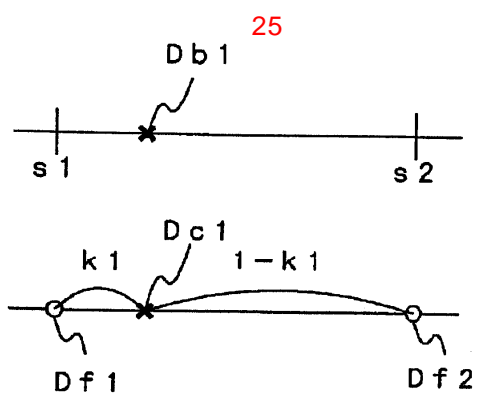
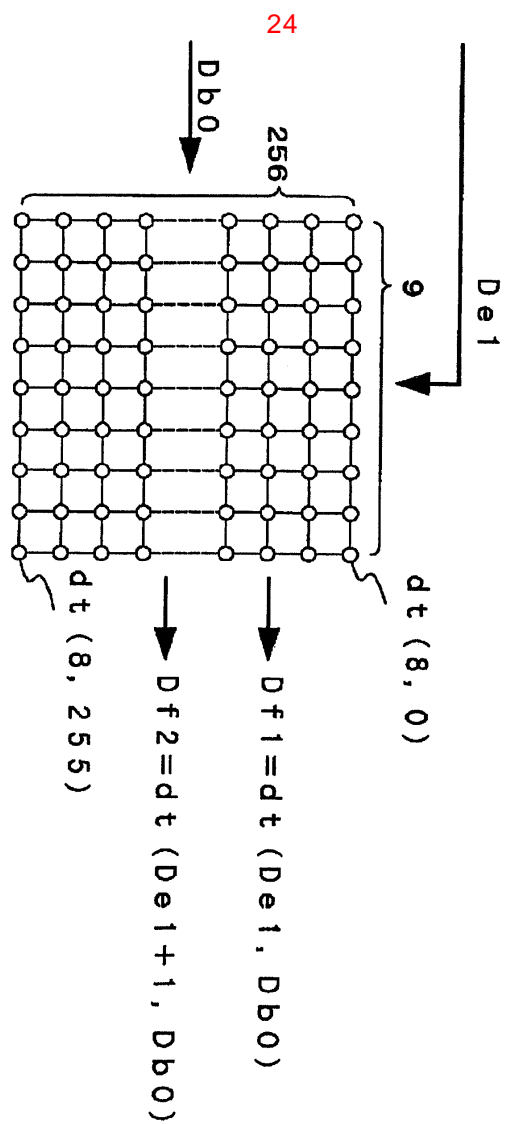


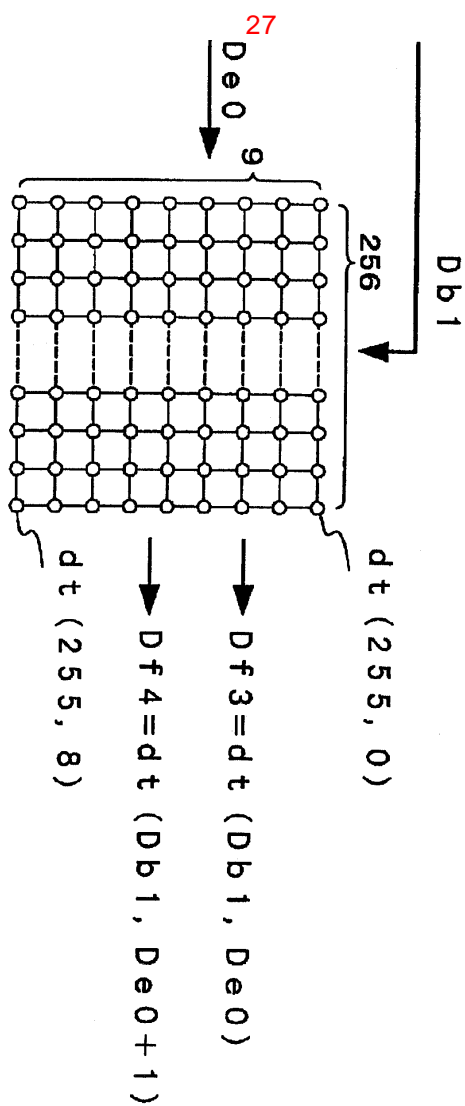
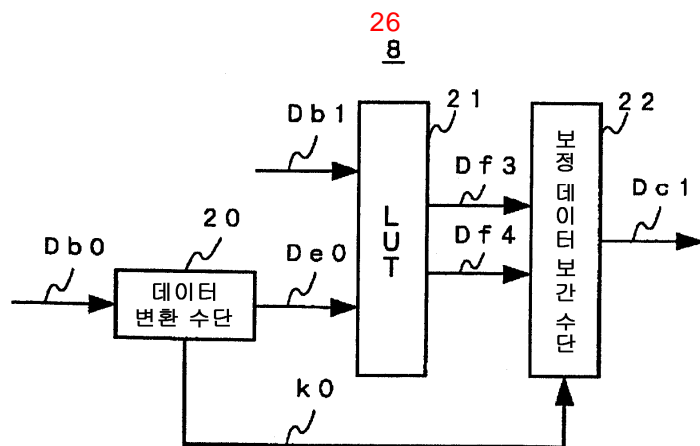


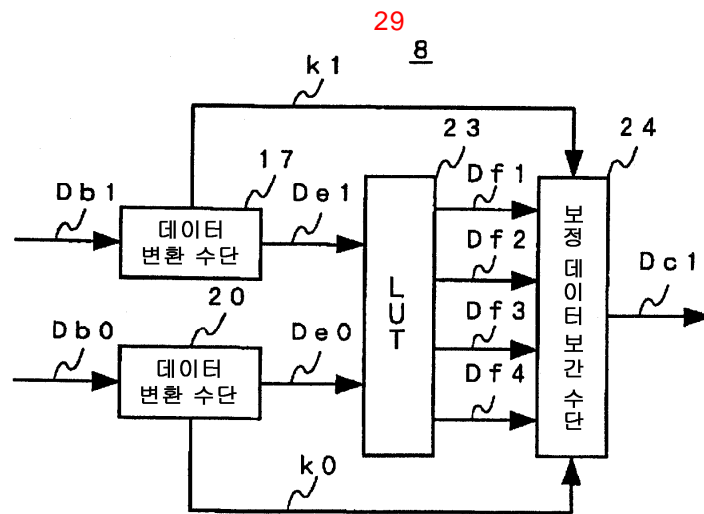
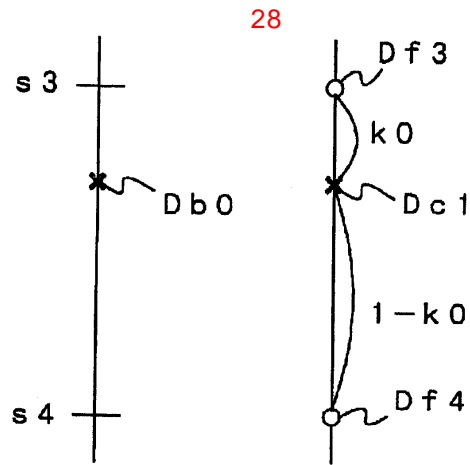


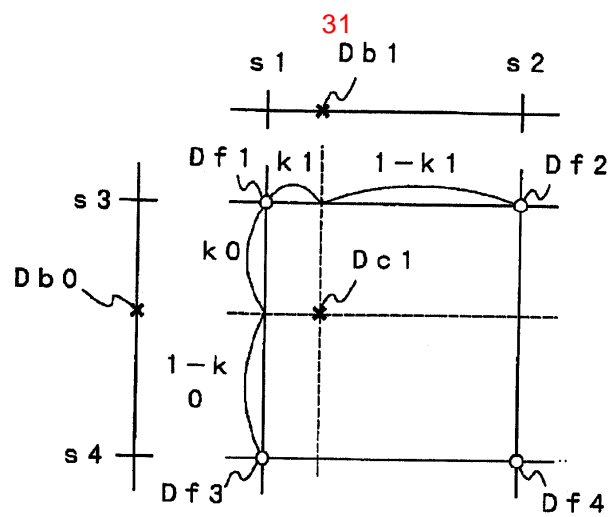
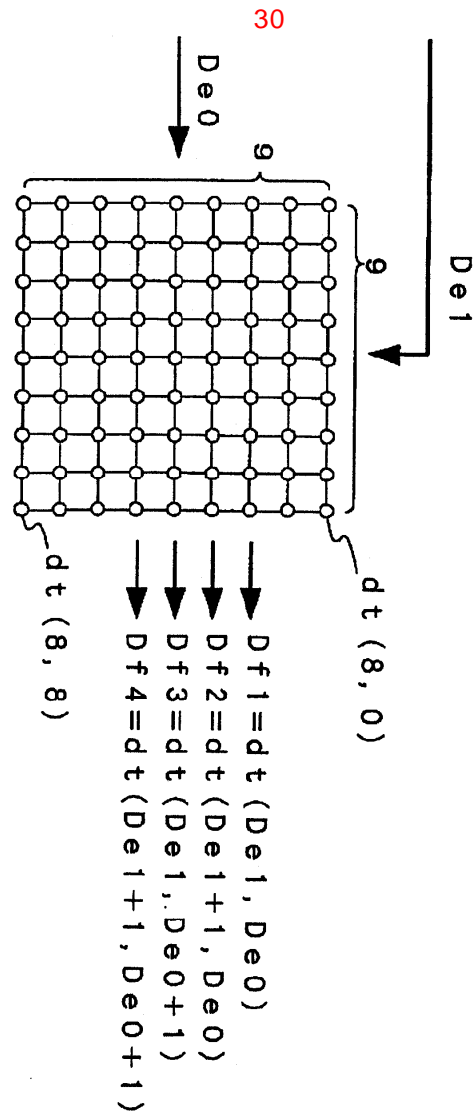


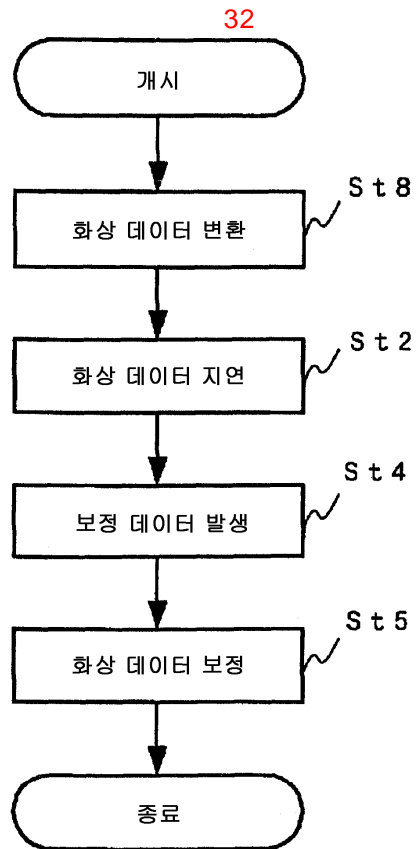


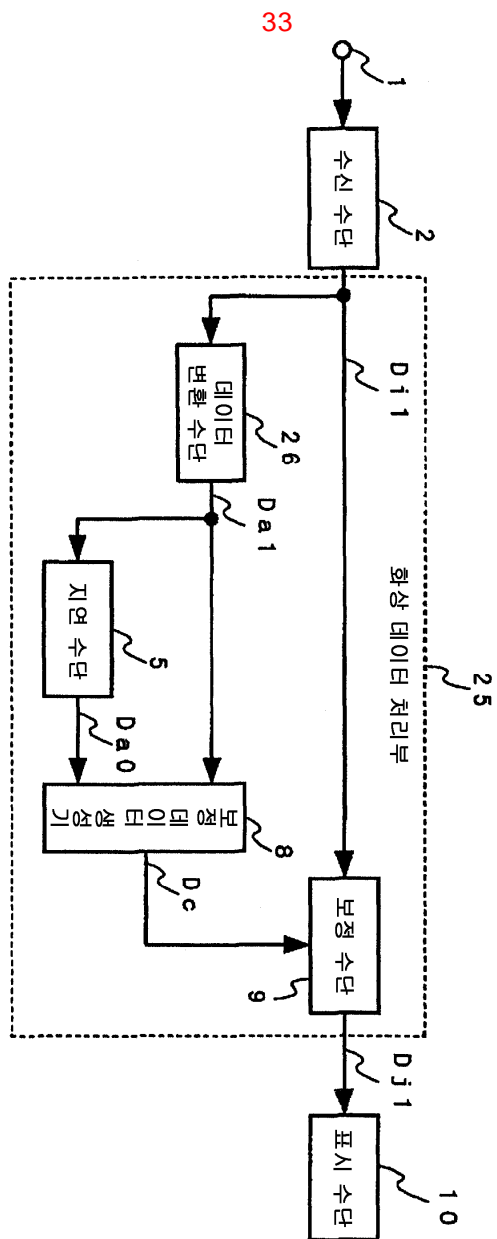


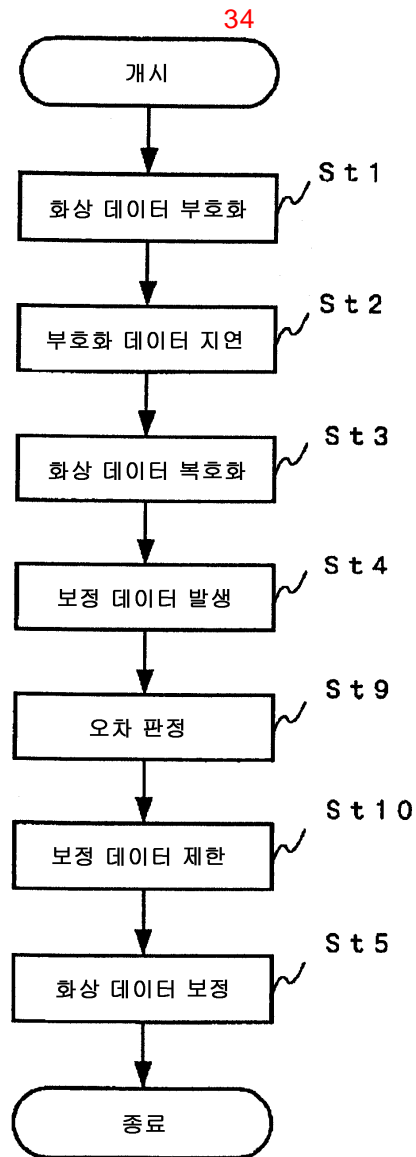


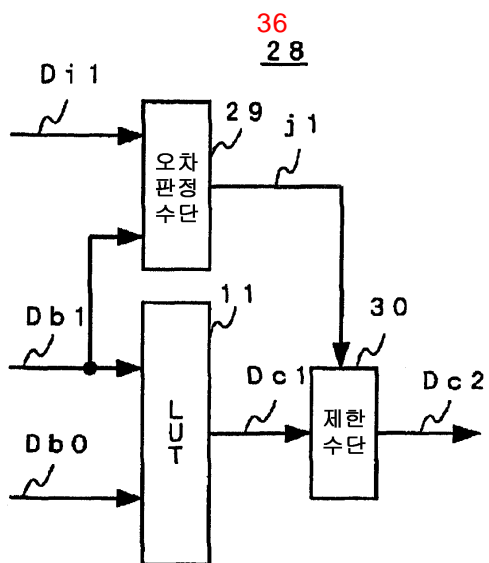
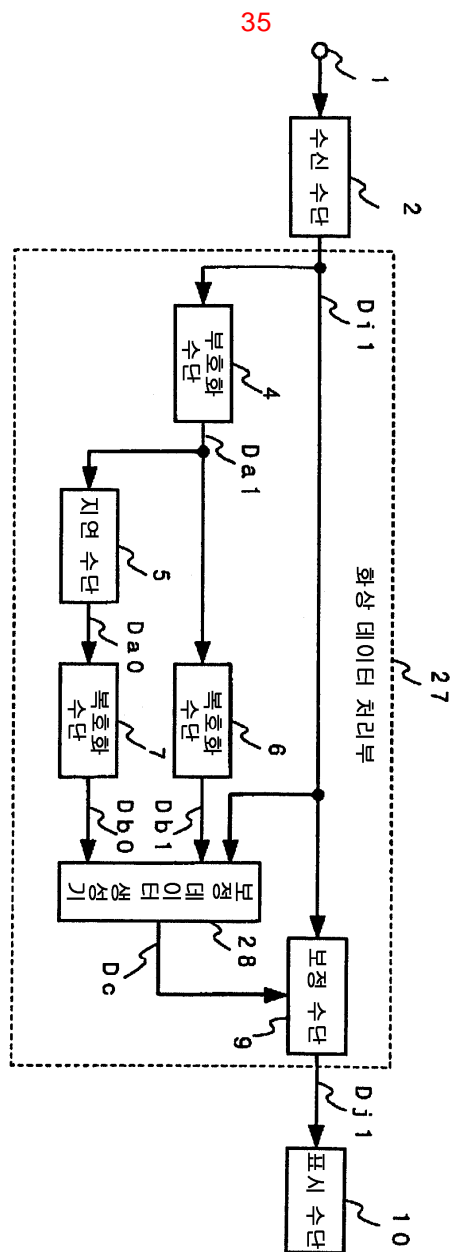


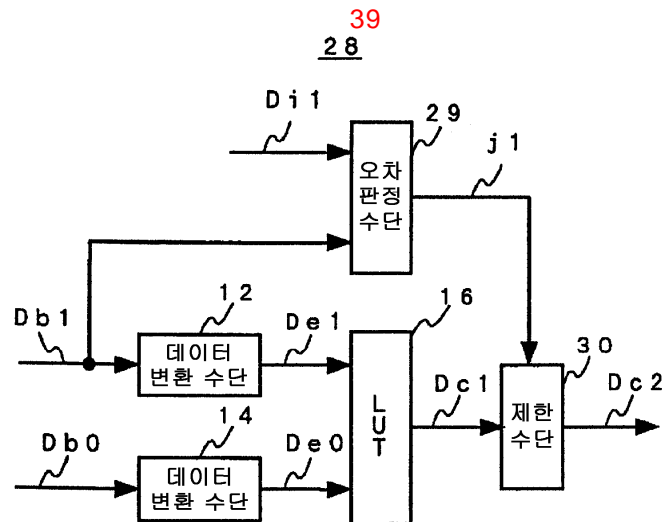
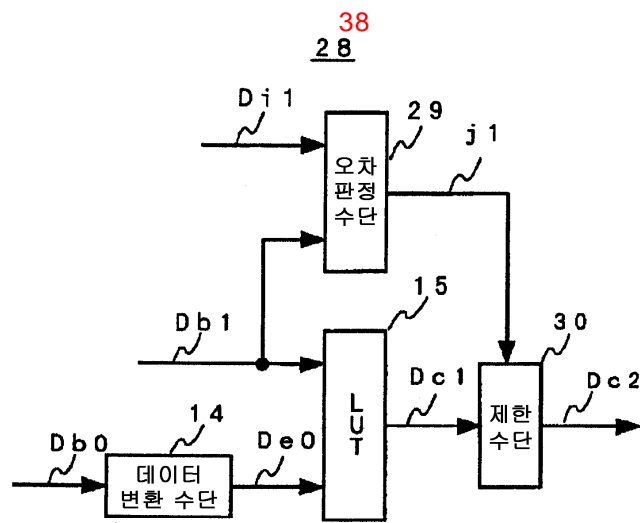
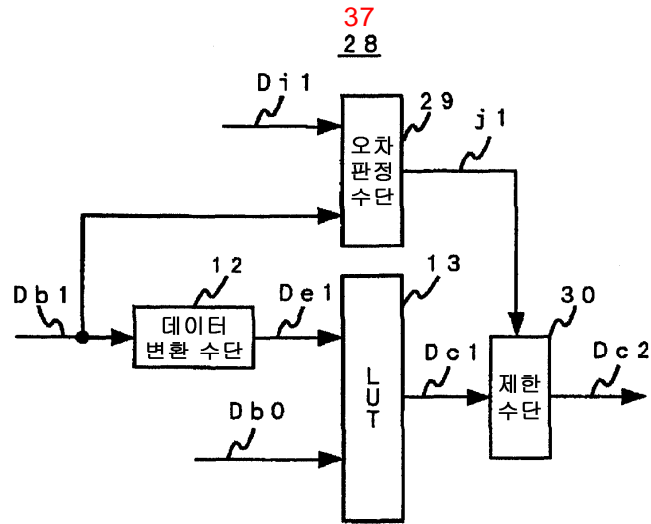


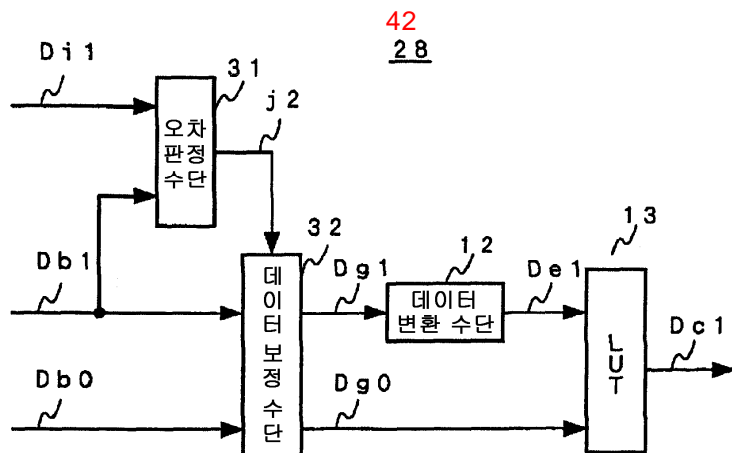
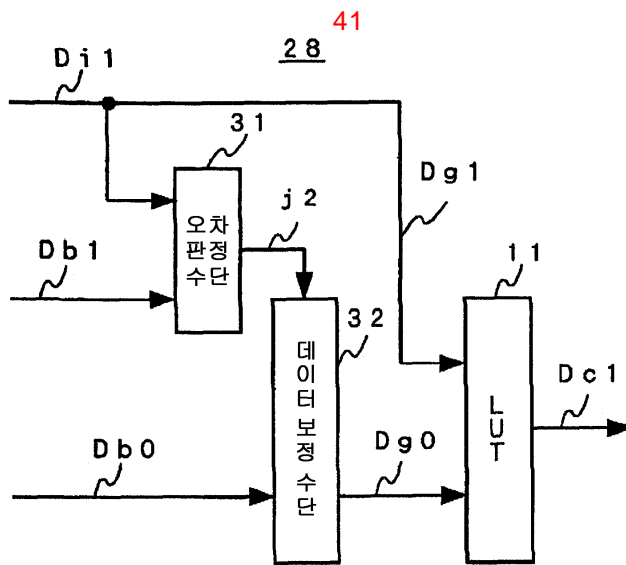
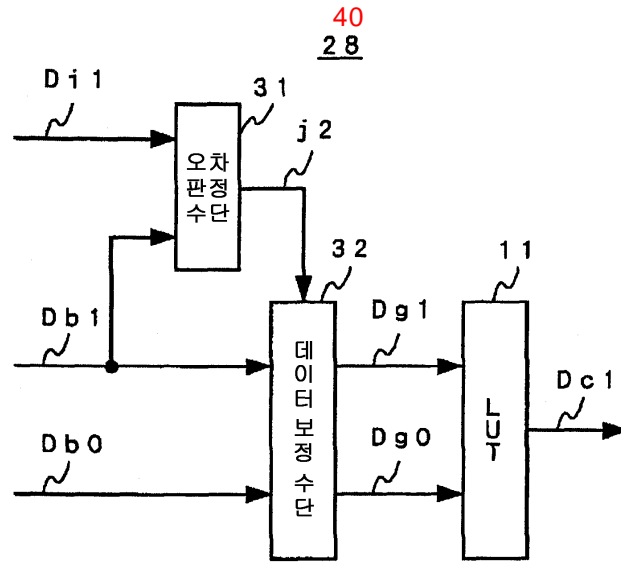


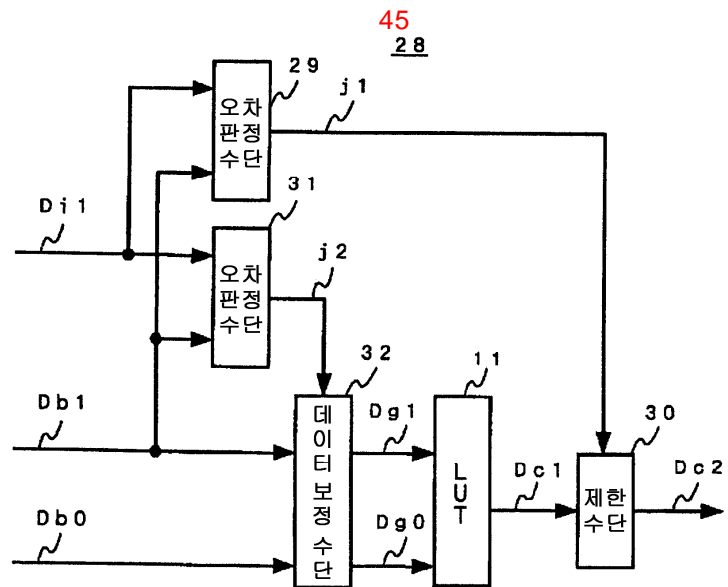
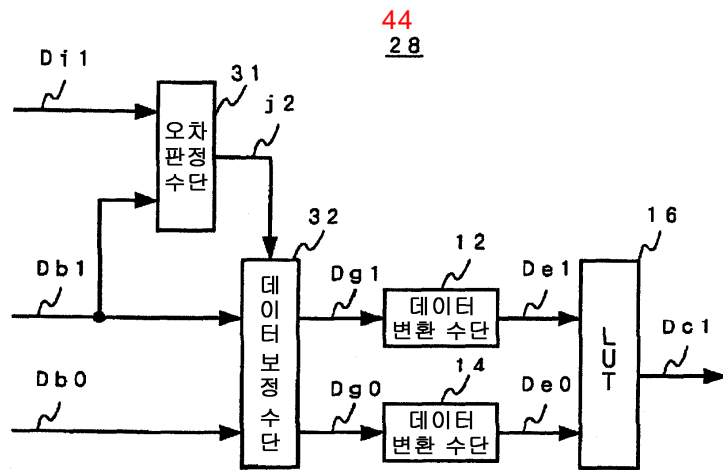
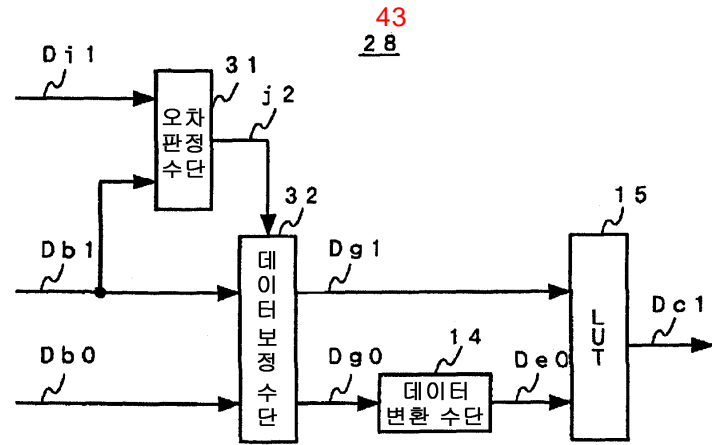


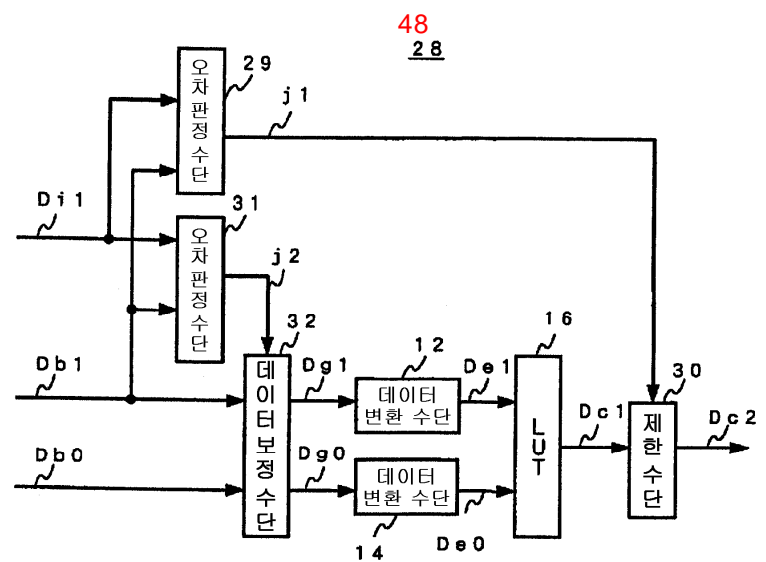
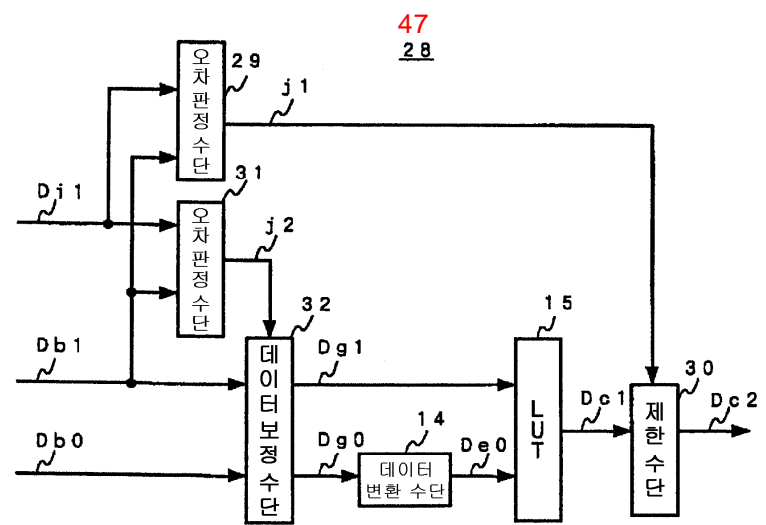
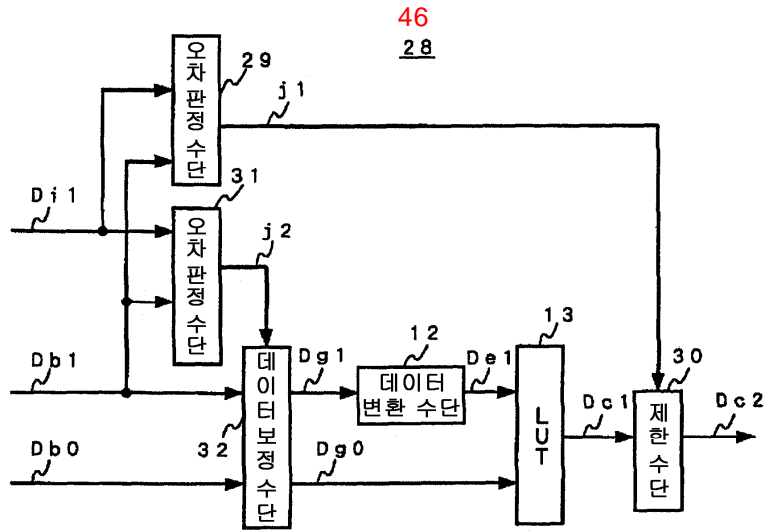




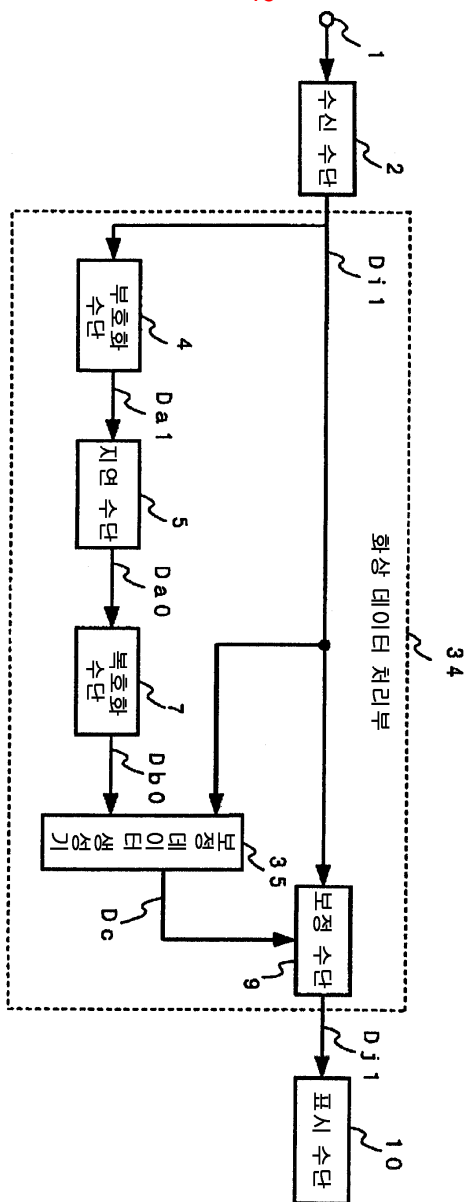


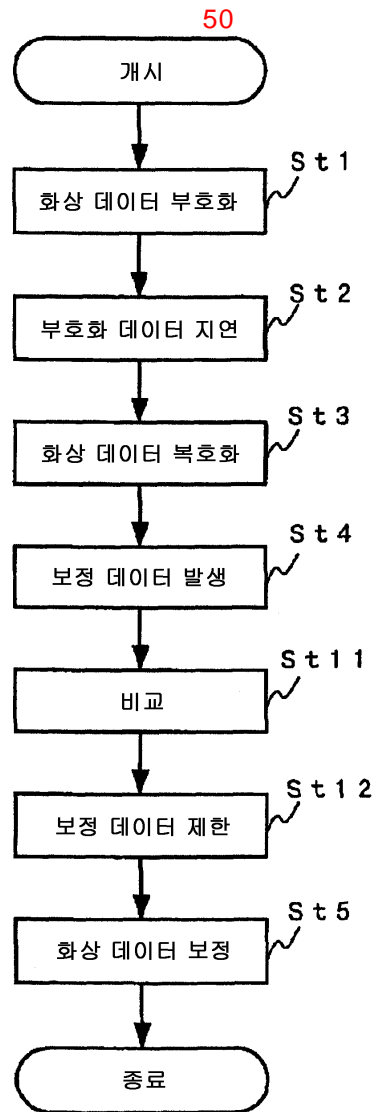


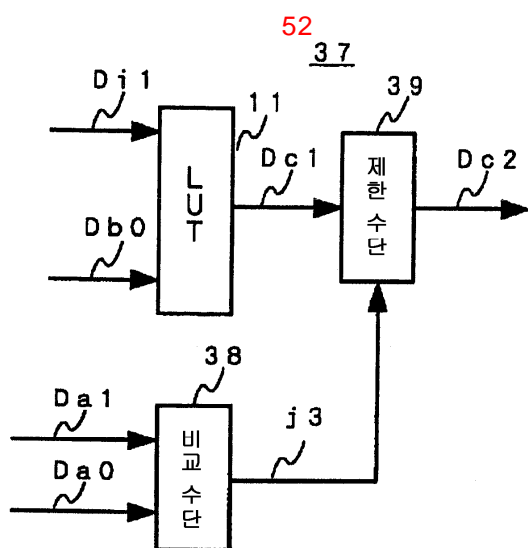
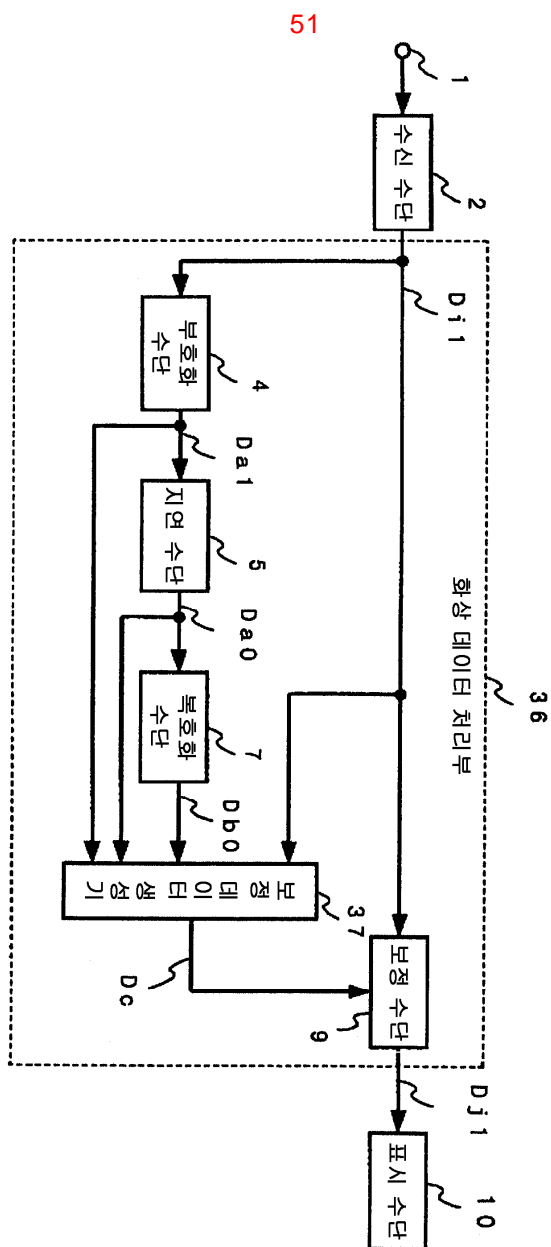


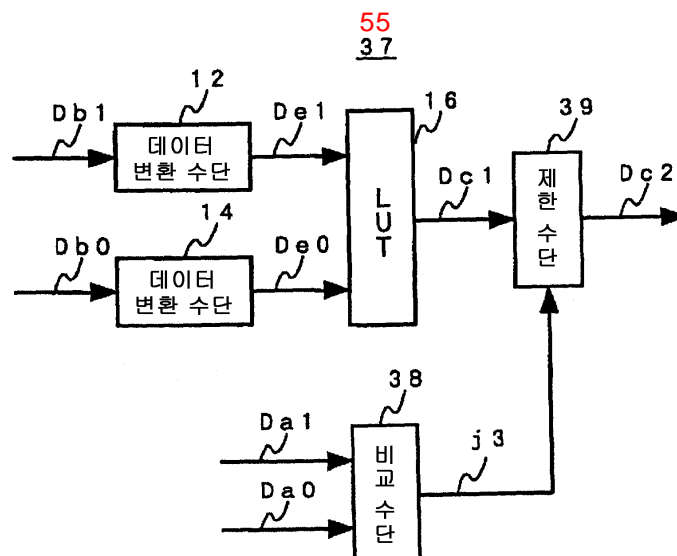
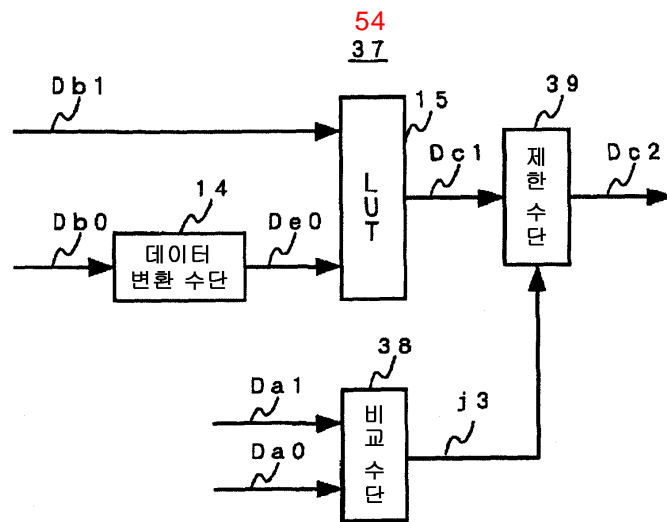
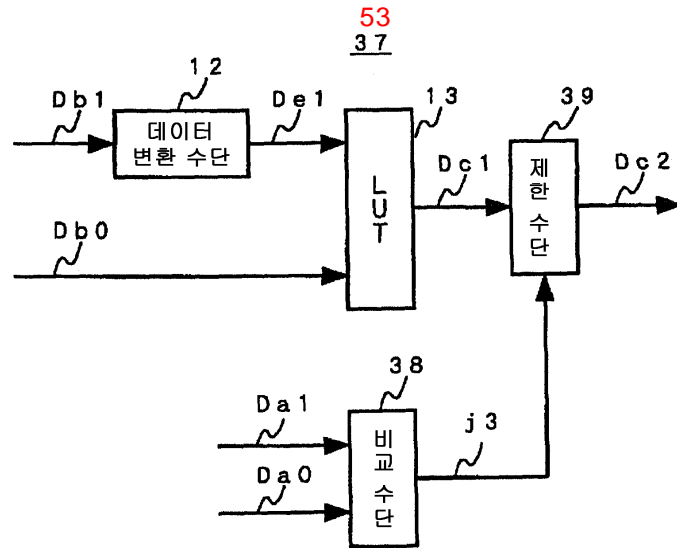


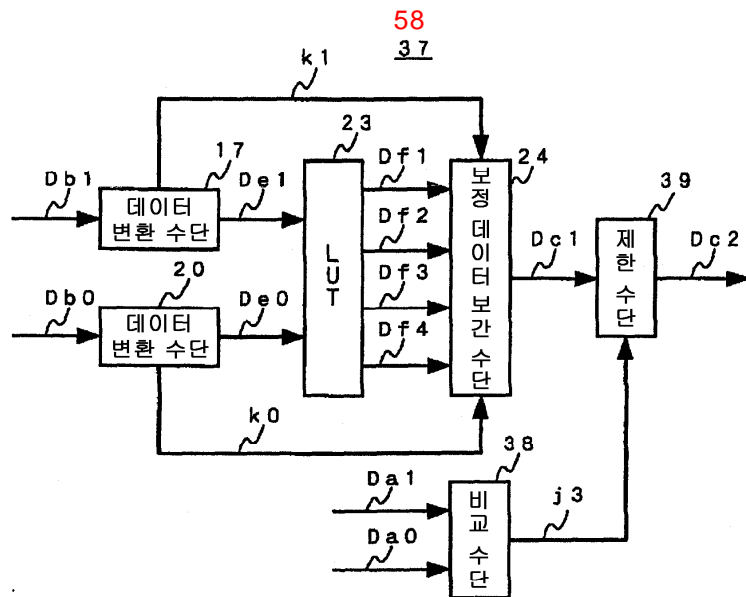
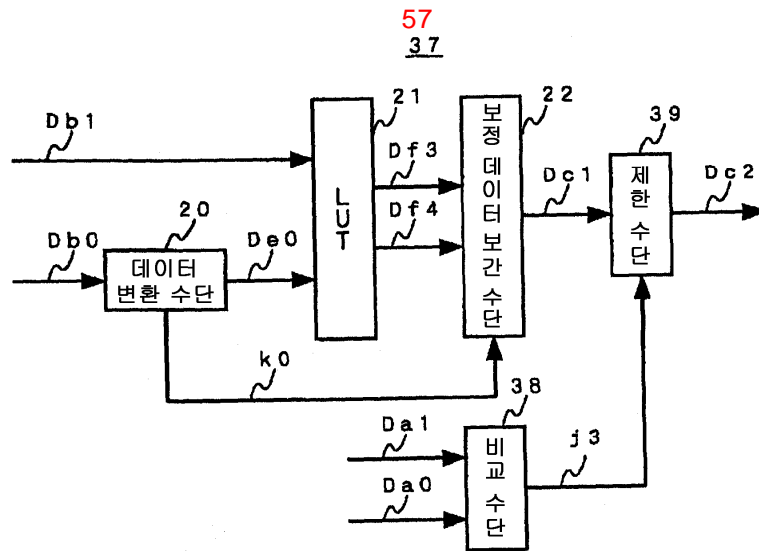
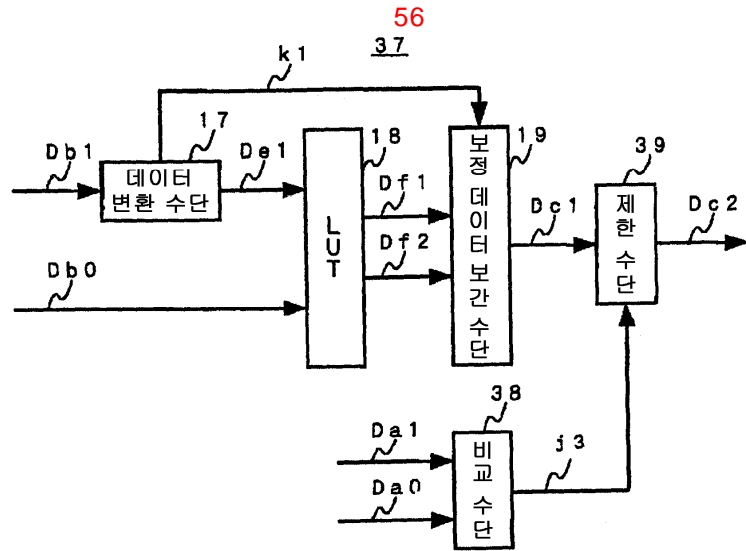
49

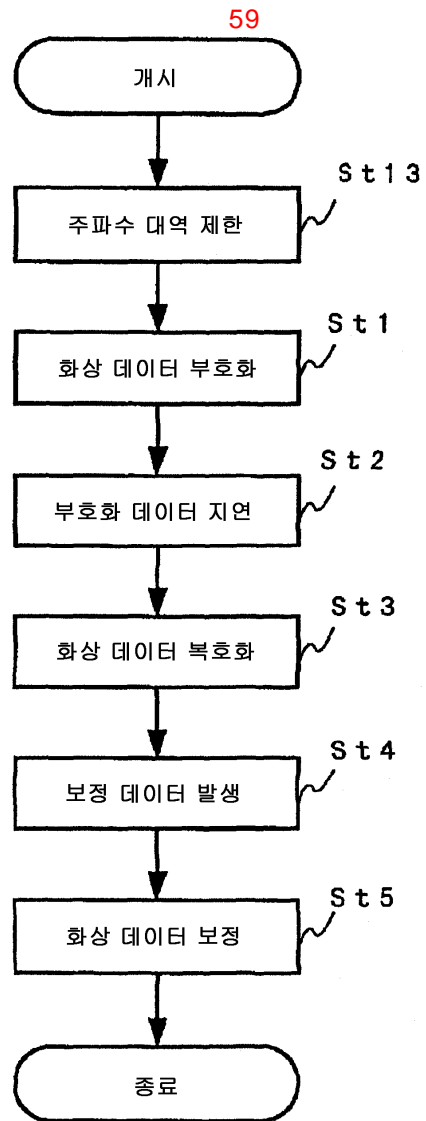


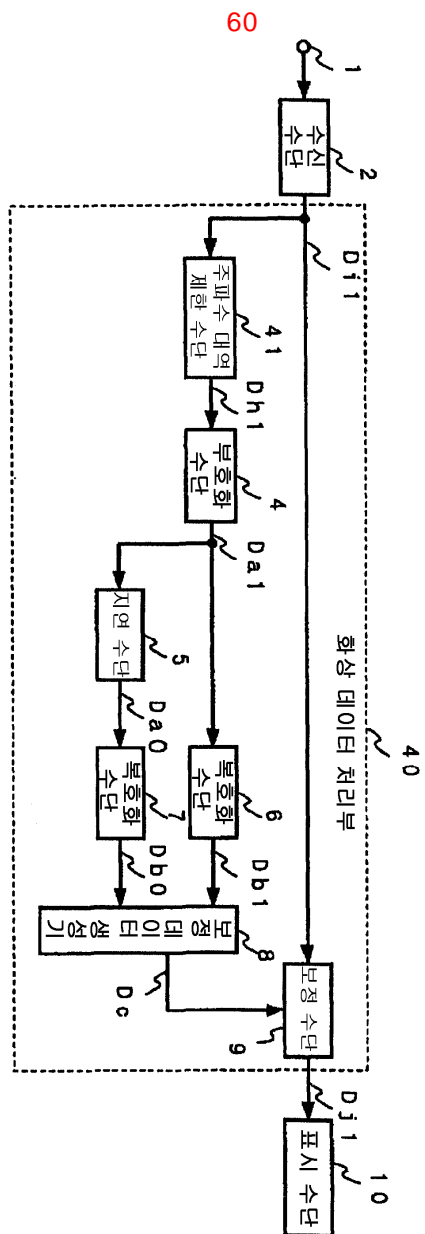


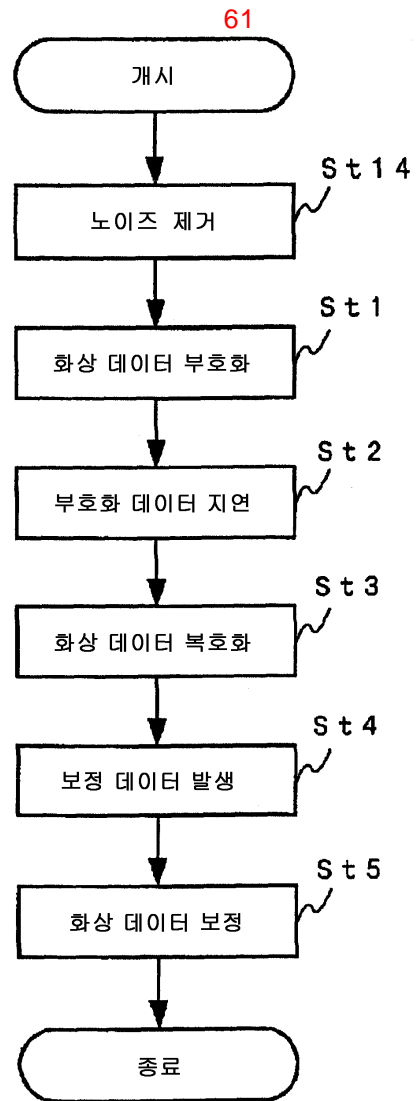


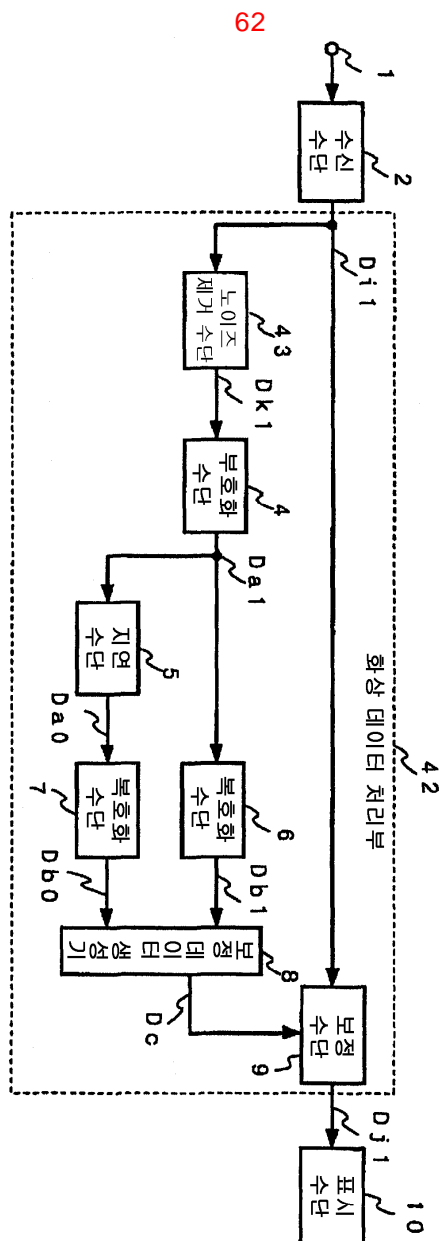


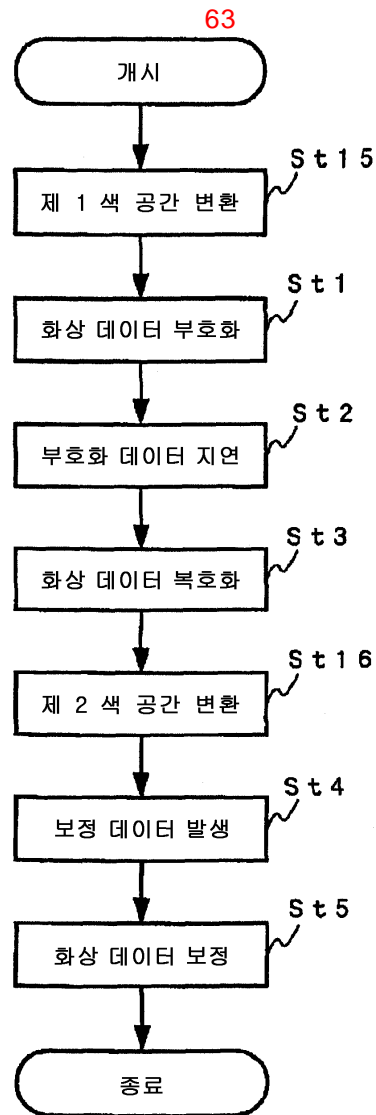


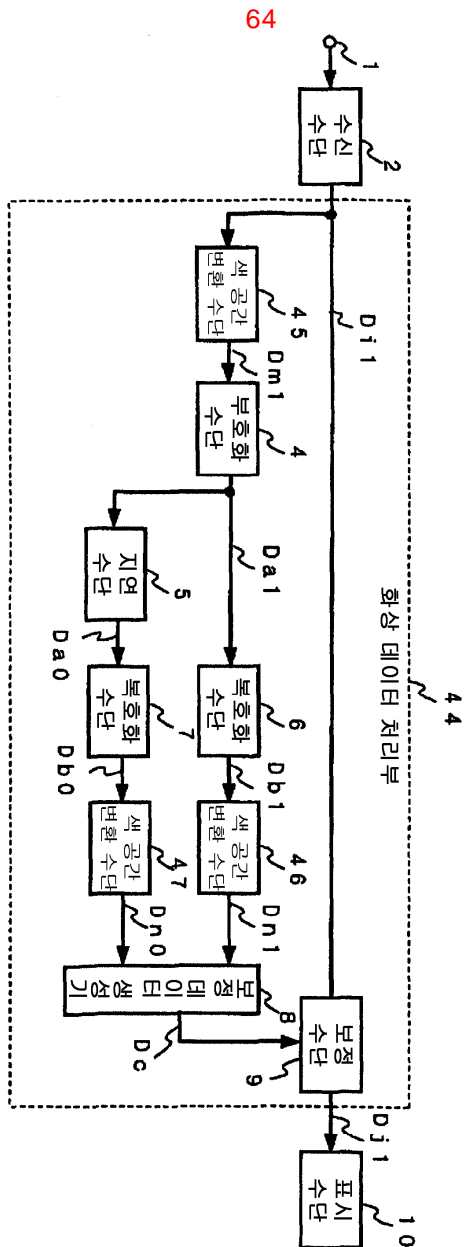


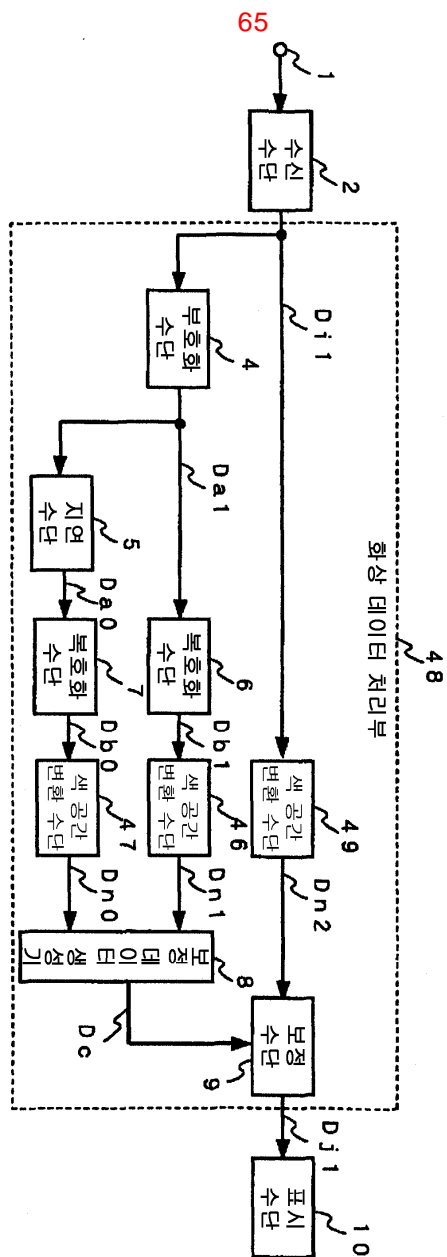


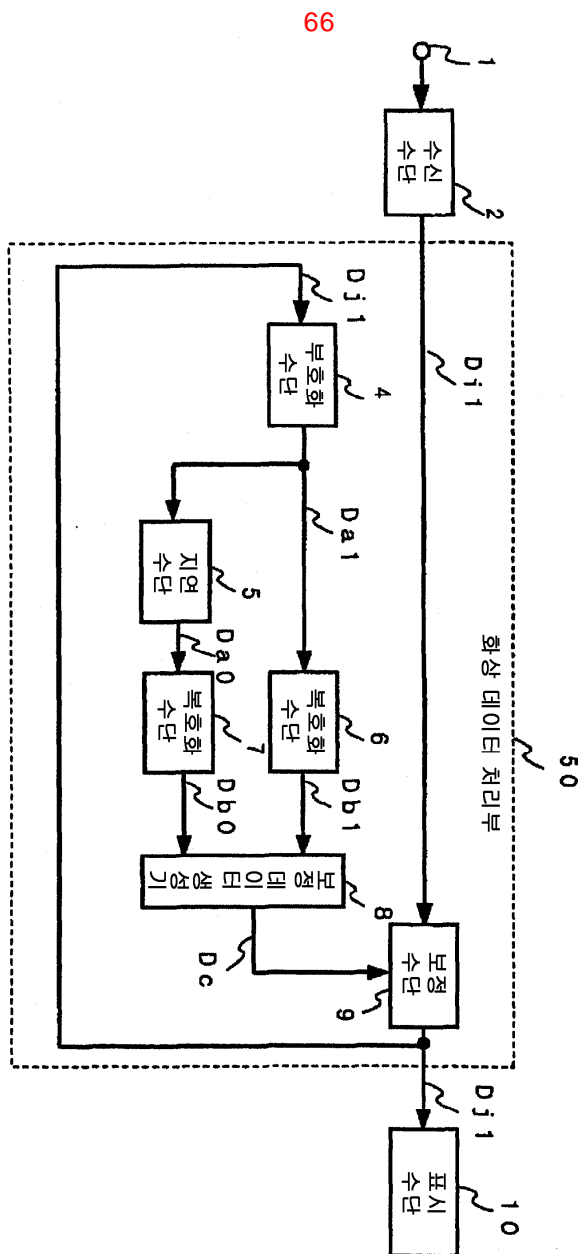


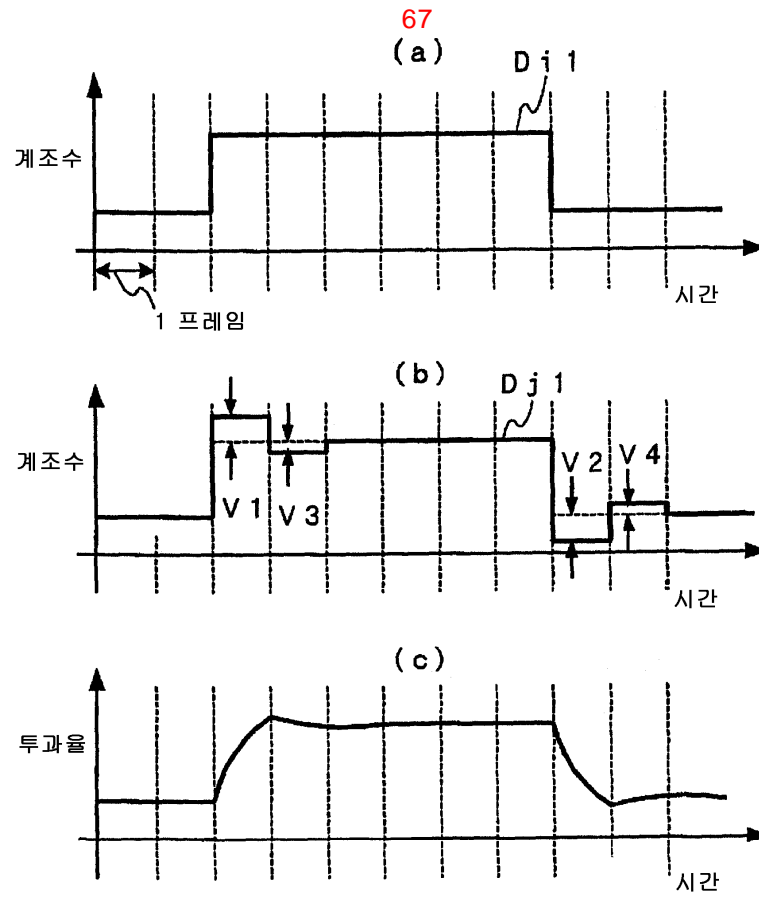


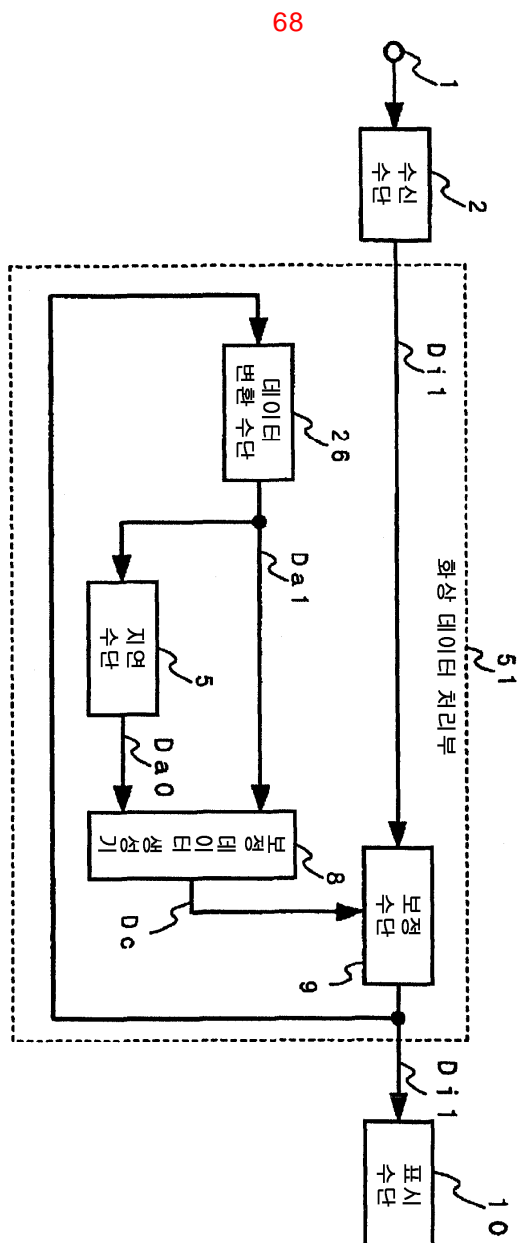




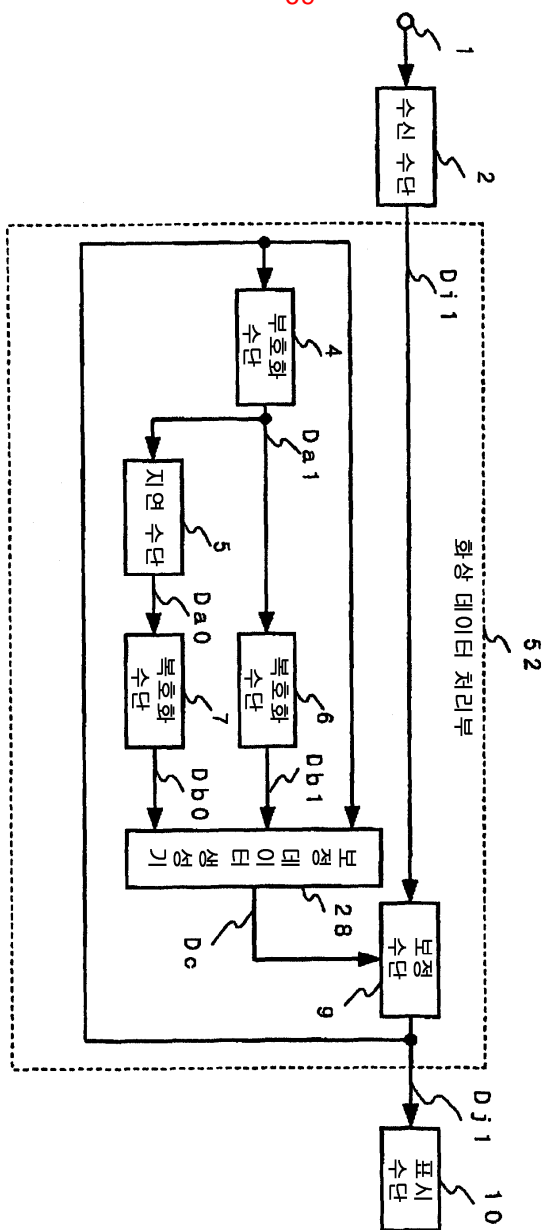


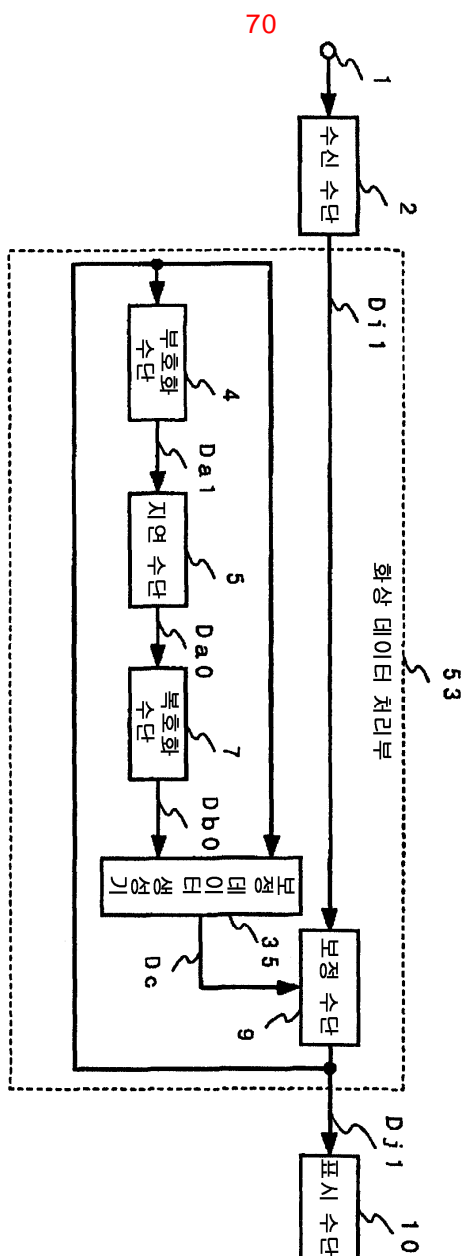




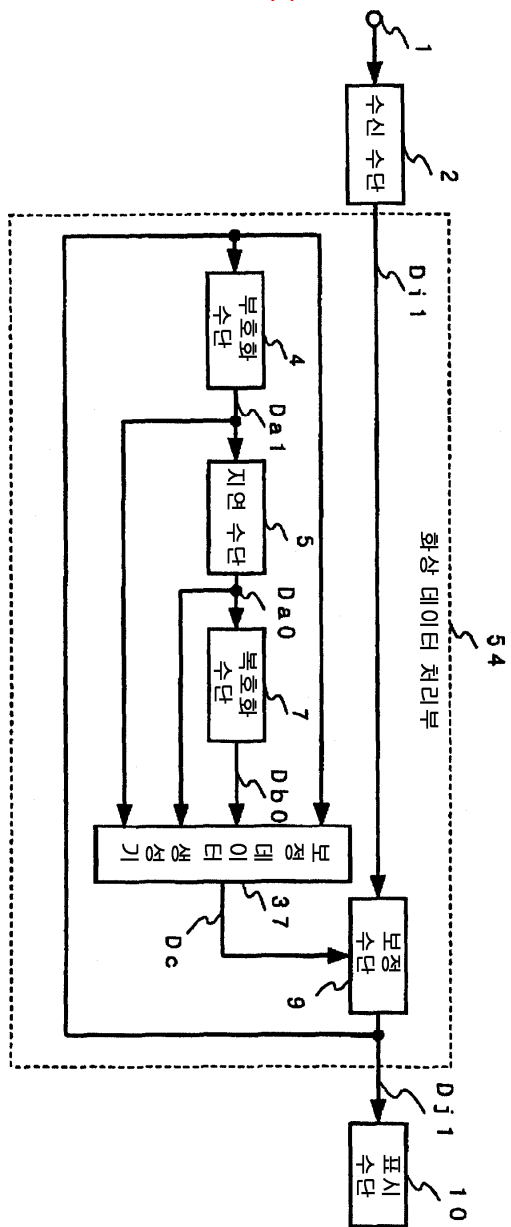


69

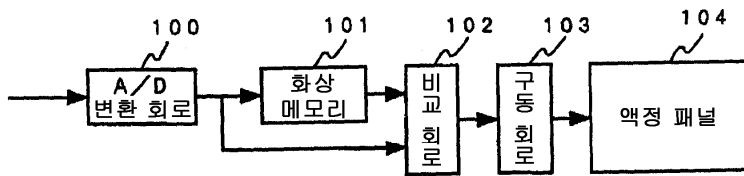




71



72



73

	A	B	C	D	E	F
a	어드레스 0		어드레스 1		어드레스 2	
b						
c	어드레스 N		어드레스 N+1		어드레스 N+2	
d						
e	어드레스 2N+1		어드레스 2N+2		어드레스 2N+3	

74

	n 프레임			
	A	B	C	D
a	50	150	50	50
b	50	150	50	50
c	50	150	50	50
d	50	150	50	50

	n+1 프레임			
	A	B	C	D
a	50	150	50	50
b	50	150	50	50
c	50	150	50	50
d	50	150	50	50

	A	B	C	D
a	50	-	50	-
b	-	-	-	-
c	50	-	50	-
d	-	-	-	-

	A	B	C	D
a	50	50	50	50
b	50	50	50	50
c	50	50	50	50
d	50	50	50	50

专利名称(译)	液晶驱动电路		
公开(公告)号	KR1020030036043A	公开(公告)日	2003-05-09
申请号	KR1020020066477	申请日	2002-10-30
[标]申请(专利权)人(译)	三菱电机株式会社		
申请(专利权)人(译)	三菱电机有限公司		
当前申请(专利权)人(译)	三菱电机有限公司		
[标]发明人	SOMEYA JUN 소메야준 YAMAKAWA MASAKI 야마카와 마사키		
发明人	소메야준 야마카와 마사키		
IPC分类号	G09G3/20 G09G3/36 G09G5/00 G09G5/06 G09G5/36 H04N5/66 G02F1/133		
CPC分类号	G09G5/006 G09G2320/103 G09G2340/02 G09G2340/16 G09G5/366 G09G2320/0252 G09G3/2011 G09G2320/0285 G09G5/005 G09G5/06 G09G3/3648		
代理人(译)	KIM, CHANG SE		
优先权	2001334692 2001-10-31 JP 2002063394 2002-03-08 JP		
其他公开文献	KR100541140B1		
外部链接	Espacenet		

摘要(译)

本发明的目的，通过适当地控制施加到液晶上的电压是，例如，通过编码当前（现）图像以提供液晶驱动电路，能精确控制液晶驱动本发明的电路的液晶的响应速度解码所述编码的图像，并以延迟的编码图像在一个帧周期的延迟的经编码图像进行解码，使用两个解码图像，并具有用于产生校正数据用于校正当前图像的灰度级的图像数据处理装置。在编码处理步骤中，通过减少图像数据量，减少了延迟图像所需的帧存储器的容量。校正数据期望使液晶在大约一个帧周期内达到与当前图像的颜色调值对应的透射率值。本发明的液晶驱动电路可以精确地控制液晶的响应速度。 2

