

(19)
(12)

(KR)
(A)

(51) . Int. Cl. 7
G02F 1/133

(11)
(43)

2002 - 0058716
2002 07 12

(21) 10 - 2000 - 0086846
(22) 2000 12 30

(71)

20

(72)

2 532 - 13

(74)

1

(54)

1

1

가

1

3

1

2	1	A
3		1
4	3	B
5		2

2, 32 :	3, 33 :
4, 34 :	7, 37 :
6, 36 :	8, 38 :

1

(Active Matrix) (Thin Film Transistor)
or : " TFT") .
가 가 (NoTebook Computer) (Lap - Top)
(Personal Computer)

(Picture Element Matrix)

. TFT

1

(Driving Integrated Circuit : " D - IC")

, D - IC / TFT 가 (Off) (Feed Through) 가
, . .
1 1/2(A)

1 , TFT , 1/2 (Source Drive Integrated Circuit: " S
 3, 5) (4) , (7, 9)
 D - IC") (Gate Drive Integrated Circuit: " GD - IC") (8)

$$\begin{array}{cccccc} \text{SD - IC(2)} & 1/2 & (3, 5) & 1 & & (3) \\ & . & \text{SD - IC(4)} & 1/2 & (3, 5) & 2 \\ & (5) & & . & & \end{array}$$

GD - IC(6) GD - IC(8) TFT

SD - IC(2, 4)

(3, 5)

가 가

TET (On) . TET가 .

가

, 1 TFT 2 /
2 TFT 가 /
가 , /
· (Frame Memory)

5

SD - IC(32) (33)	1/2	(33, 35)	1
SD - IC(34) (35)	1/2	(33, 35)	2
GD - IC(36)	GD - IC(38)	TFT	.
TFT(B) 4		가	.
4 , (35)	(37)	(33)	(39)
	TFT(B)	.	.
TFT(B),	TFT(B)	/	(33, 35)
	/	SD - IC(32, 34)	가 가
(ON)	GD - IC(36, 38)	TFT	.
TFT(B) 2	(ON)	가 가	/ 1
1 /	SD - IC(32) GD - IC(36, 38)	가 가 , TFT	가
	2	SD - IC(34) GD - IC(36, 38)	가 가 , TFT
가		.	.
5 2		TFT 가	4
5 ,	SD - IC(42, 44, 46, 48)	TFT , (43, 45, 47, 49)	.
/ GD - IC(54, 56, 52, 58) ,	1/2	, (51, 53, 55, 57)	T
FET(C) 1/2		TFT(D)	.
TFT(C, D)		/ , /	.
(51, 53, 55, 57)	TFT(B)	/ SD - IC(42, 44, 46, 48)	.
가 가 , TFT(D)		/	GD - IC
(52, 58, 54, 56)	TFT	(ON)	.

TFT(C, D) (OFF) 가 가 TFT(C) / ,
TFT(D) / 1 4

1 SD - IC(44) GD - IC(54)
TFT 가 . 2 TF
T SD - IC(42) GD - IC(52)
가 SD - IC(46) GD - IC(56) . 3 TFT 가
IC(48) GD - IC(58) 4 TFT .

, TFT 1/2

, 가 /

, 가 ,
/ , 가

가

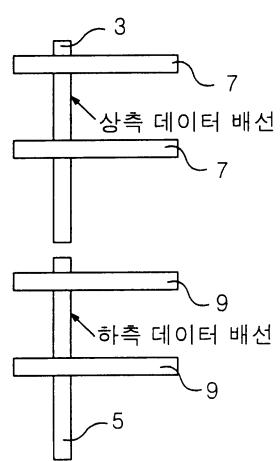
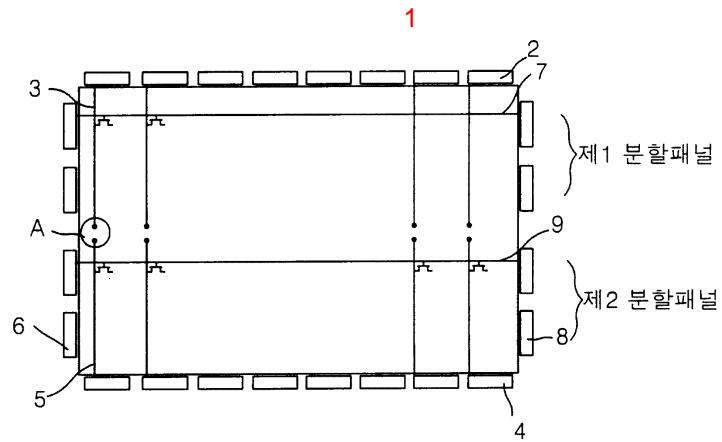
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1.

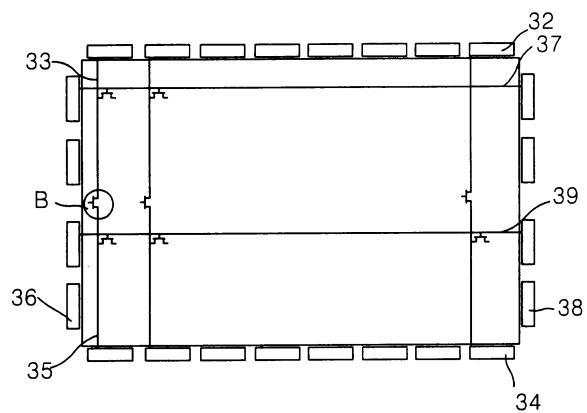
2.

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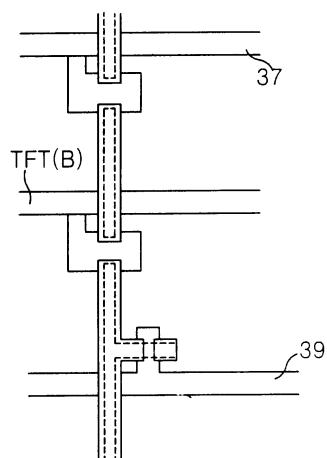
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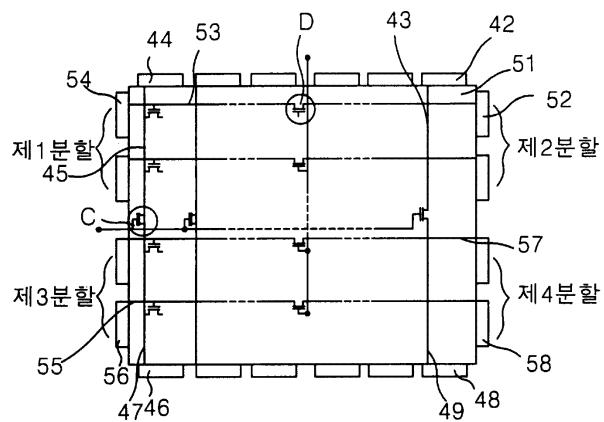
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专利名称(译)	液晶显示器		
公开(公告)号	KR1020020058716A	公开(公告)日	2002-07-12
申请号	KR1020000086846	申请日	2000-12-30
[标]申请(专利权)人(译)	乐金显示有限公司		
申请(专利权)人(译)	LG显示器有限公司		
当前申请(专利权)人(译)	LG显示器有限公司		
[标]发明人	PARK JOON HA 박준하		
发明人	박준하		
IPC分类号	G09G3/36 G02F1/133 G09F9/30 G09G3/20 G09F9/35 G02F1/1368		
CPC分类号	G09G3/3666		
代理人(译)	KIM , YOUNG HO		
其他公开文献	KR100733879B1		
外部链接	Espacenet		

摘要(译)

用途：提供液晶显示器，将相同的驱动电压施加到相同的线路，以提高液晶显示面板的图像质量。

