

# < TFT-LCD >

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( ) TFT-LCD( , Thin Film Transister Liquid Crystal Display)  
가 60 TFT-LCD

90  
95 3 6 TFT-LCD 96 10  
98 5000 , 7~8%

TFT-LCD  
CRT( )  
( CRT 1/5) , , , VTR, TV,  
TV,

LCD 70 TN LCD  
80 88 346 10% 가  
93 40 LCD 67% 95 80

## TFT-LCD

TFT-LCD 93 40 2000 150 ~200  
가가 TFT-LCD  
70%, 30%  
TFT-LCD Sony, NEC

【 1】 LCD (1993)  
( : , %)

| 460 | 53.4  |
|-----|-------|
| 100 | 11.6  |
| 250 | 29.0  |
| 50  | 5.8   |
| 860 | 100.0 |

) CRI

【 2】 LCD ( : )

|       | 1991 | 1992 | 1993 | 1994 | 1995 |
|-------|------|------|------|------|------|
| • T N | 7    | 7    | 8    | 8    | 9    |
| • STN | 12   | 12   | 12   | 13   | 13   |
| • TFN | 8    | 13   | 20   | 27   | 58   |
|       | 27   | 32   | 40   | 48   | 80   |

) 1995

) CRI

3% 94 4 10  
가

91  
94

10 TFT-LCD

가 가

52  
LCD

4822 가  
가

4 98 2

94 5 6400 , TFT-LCD

LCD 98 100 TFT-LCD

92 9 700 LCD , TN-LCD

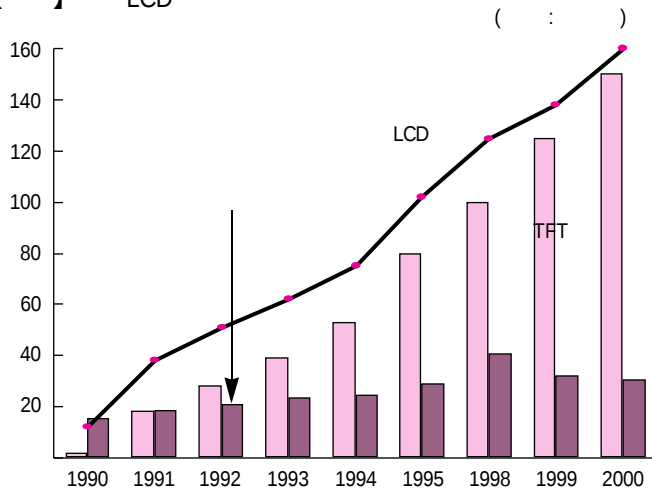
PC 9.5 STN-LCD 72 95 TFT-

LCD 3500 가

94 STN-LCD 5000 , TFT-LCD

95 98

【 1 】 LCD



【 3 】 D

( : 100 )

| D  |               |       |    |            |       |
|----|---------------|-------|----|------------|-------|
| 1  |               | 2,046 | 1  |            | 2,512 |
| 2  | HITACHI       | 1,567 | 2  | HITACHI    | 2,369 |
| 3  | NEC           | 1,520 | 3  | NEC        | 2,173 |
| 4  | TOSHIBA       | 1,479 | 4  | TOSHIBA    | 2,101 |
| 5  | IBM           | 1,133 | 5  | TI         | 1,275 |
| 6  | TI            | 996   | 6  | MITSUBISHI | 1,206 |
| 7  | MITSUBISHI    | 930   | 7  | FUJITSU    | 1,135 |
| 8  | MICRON        | 793   | 8  | IBM        | 1,133 |
| 9  |               | 706   | 9  | MICRON     | 925   |
| 10 |               | 689   | 10 |            | 851   |
| 11 | FUJITSU       | 670   | 11 |            | 804   |
| 12 | MOTOROLA      | 514   | 12 | MOTOROLA   | 762   |
| 13 | SIMENS        | 486   | 13 | SHARP      | 697   |
| 14 | OKI           | 403   | 14 | SIMENS     | 550   |
| 15 | MATSUSHITA    | 190   | 15 | OKI        | 486   |
| 16 | MOSEL · VILIC | 176   | 16 | SGS        | 475   |
| 17 | NMBS          | 148   | 17 | INTEL      | 468   |
| 18 | SANYO         | 69    | 18 | AMD        | 427   |
| 19 | SHARP         | 56    | 19 | MATSUSHITA | 305   |
| 20 | SONY          | 3     | 20 | SONY       | 287   |

93 30 7 , 93 LCD

860 460 , 53.4%

Know- how 가 ,

10.4 TFT-LCD, 3.1

LCD, TV

TFT-LCD

94

256 가D ,

93 D

9.4 TFT-LCD, 0.7 TFT-

12.1 XGA TFT-LCD, 14.2

가 가 ,

TFT-LCD

20 4600 , 25 1200

R&D

TFT-LCD

256 가D

가

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가

1995

1000

, 2000

1900

~ 2000

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<

1994/10/1>