

Ex. OPT4 value 0x16 indicates that panel vendor is LGD and panel size is 37.
Upper 4bit is decided as below table.

		OPT4 (Upper 4bit)							
		D7 (bit7)	D6 (bit6)	D5 (bit5)	D4 (bit4)	D3 (bit3)	D2 (bit2)	D1 (bit1)	D0 (bit0)
Panel vendor	LGD	0	0	0	1				
	SHARP	0	0	1	0				
	CMO	0	0	1	1				
	AUO	0	1	0	0				
	IPS	0	1	0	1				
	SAMSUNG	0	1	1	0				

Lower 4bit is decided as below table.

		OPT4 (Lower 4bit)							
		D7 (bit7)	D6 (bit6)	D5 (bit5)	D4 (bit4)	D3 (bit3)	D2 (bit2)	D1 (bit1)	D0 (bit0)
Panel size	32					0	1	0	1
	37					0	1	1	0
	42					0	1	1	1
	46					1	0	1	0
	47					1	0	0	0
	52					1	0	1	1
	55					1	1	0	0

Convert from Bit (Binary) to Hex

The table for converting from bit (D7-D0) to hex (0x**).


		BIT (Binary)			
High nibble		D7	D6	D5	D4
Low nibble		D3	D2	D1	D0
HEX	0	0	0	0	0
	1	0	0	0	1
	2	0	0	1	0
	3	0	0	1	1
	4	0	1	0	0
	5	0	1	0	1
	6	0	1	1	0
	7	0	1	1	1
	8	1	0	0	0
	9	1	0	0	1
	A	1	0	1	0
	B	1	0	1	1
	C	1	1	0	0
	D	1	1	0	1
	E	1	1	1	0
	F	1	1	1	1

E.g. If Bit D7-0 = 0101 1010, Hex data is 0x5A.



Item	Name of adjustment	Address
RCUT	RED CUT	--
GCUT	GREEN CUT	--
BCUT	BLUE CUT	--
RDRV	RED DRIVE	--
GDRV	GREEN DRIVE	--
BDRV	BLUE DRIVE	--
BRTC	BRIGHTNESS CENTER	--
COLC	COLOR CENTER	--
UVTT	BASE BAND TINT	--
CNTX	CONTRAST MAX	--
OPT1	TV SET OPTION 1	00F1
OPT2	TV SET OPTION 2	00F2
OPT3	TV SET OPTION 3	00F3
OPT4	TV SET OPTION 4 (PANEL OPT DATA FOR VENDOR & SIZE)	00F4
OPT5	TV SET OPTION 5	00F5
SETID	MODEL ID	00FE
OPT6	TV SET OPTION 6	00E8
OPT7	TV SET OPTION 7	00E9
OPT8	TV SET OPTION 8	00EA
HTLID	HOTEL ID	00E0

Factory preset data will be loaded after setting Model ID data.
(Refer to Initialization of Memory Data of IC510 and setting data of signal board.)

Adjusting the Data



Pressing of VOLUME  +/- button will change the value of data in the range from 00H to FFH. The variable range depends on the adjusting item.

Setting TVOP

Enter to service mode and select menu of TVOP by pressing P▲ or P▼ during display of adjustment menu. After selecting TVOP, press  + or  - to set I2C check function to disable or enable as below.

TVOP	FUNCTION DESCRIPTION	1	0 (Normal)
D5 (bit5)	I2C check between TV-Micro and Standby-Micro (WDT)	Disable	Enable

Setting Panel Option Data

For a complete list of OPT4 data values corresponding to the model, see MODEL ID TABLE.
Enter to service mode and select menu of OPT4 by pressing P▲ or P▼ during display of adjustment menu. After selecting OPT4, press  + or  - to set OPT4 value as table below.

OPT4