

H) Using the 6555x with a Hitachi TX30D01VC1CAA Panel

Panel General Description:

Resolution: 800 x 600

Type: Color TFT

Pixel Depth: 18 bits/pixel

Display Color: 262,144 colors

Display Area: 245.8 x 184.3 mm

Pixel/SHFCLK: 1

DK6555x Connector		Hitachi Connector	
Pin name	Pin #	Pin #	Pin Name
GND	9	1	VSS
SHFCLK	13	2	DCLK
GND	12	3	VSS
LP	10	4	HSYNC
FLM	11	5	VSYNC
GND	14	6	VSS
GND	17	7	VSS
GND	20	8	VSS
P18	42	9	R0
P19	43	10	R1
P20	45	11	R2
GND	23	12	VSS
P21	46	13	R3
P22	48	14	R4
P23	49	15	R5
GND	26	16	VSS
GND	29	17	VSS
GND	32	18	VSS
P10	30	19	G0
P11	31	20	G1
P12	33	21	G2
GND	35	22	VSS
P13	34	23	G3
P14	36	24	G4
P15	37	25	G5
GND	38	26	VSS
GND	41	27	VSS
GND	44	28	VSS
P2	18	29	B0
P3	19	30	B1
P4	21	31	B2
GND	47	32	VSS
P5	22	33	B3
P6	24	34	B4
P7	25	35	B5
GND	50	36	VSS
DE	8	37	DTMG
	N/C	38	N/C
3.3V		39	VDD
3.3V		40	VDD
	N/C	41	IC

Register Information

Control Register		FP Mode Registers		SM mode Registers	
FR03	08	FR21	68	FR21	68
FR08	00	FR22	18	FR22	18
FR0A	0C	FR23	7F	FR23	7F
FR18	00	FR20	63	FR20	63
FR1E	80	FR34	02	FR34	02
FR40	1F	FR24	67	FR24	67
FR41	03	FR25	00	FR25	00
FR48	13	FR27	0F	FR27	0F
FR4D	50	FR26	00	FR26	00
FR4E	3F	FR37	00	FR37	00
FR50	00	FR33	72	FR33	72
		FR35	22	FR35	22
		FR36	02	FR36	02
		FR31	58	FR31	58
		FR32	0C	FR32	0C
		FR30	57	FR30	57
		FR10	0C	FR10	0C
		FR11	E0	FR11	E0
		FR12	50	FR12	50
		FR13	00	FR13	00
		FR16	03	FR16	03
		FR17	BD	FR17	BD
		FR1A	00	FR1A	00

Unique Panel Features:

- Uses 3.3V power supply technology
- Set XVCC and DVCC to 3.3V.