

Interfacing 6555x with a Samsung LT133X1-104

Panel General Description:

Resolution:	1024 x 768	Panel Voltage range:	5 volts
Type:	13.3" XGA TFT	Pixel/SHFCLK:	2
Pixel Depth:	3 bits/pixel	Interface:	18+18 Dual channel 5V LVDS

LVDS transmitter output to Panel 20 pin connector

		Samsung LT133X-104 20 pin connector		
	Pin Name	Pin #	Pin #	Pin Name
LVDS – National DS90CF561 (1st data-Odd chip)	TxOut0-	41	5	R1IN0-
	TxOut0+	40	6	R1IN0+
	TxOut1-	39	7	R1IN1-
	TxOut1+	38	8	R1IN1+
	TxOut2-	35	9	R1IN2-
	TxOut2+	34	10	R1IN2+
	TxCLK OUT-	33	11	CK1IN-
TxCLK OUT+	32	12	CK1IN+	
LVDS – National DS90CF561 (2nd data-Even chip)	TxOut0-	41	13	R2IN0-
	TxOut0+	40	14	R2IN0+
	TxOut1-	39	15	R2IN1-
	TxOut1+	38	16	R2IN1+
	TxOut2-	35	17	R2IN2-
	TxOut2+	34	18	R2IN2+
	TxCLK OUT-	33	19	CK2IN-
TxCLK OUT+	32	20	CK2IN+	
DK6555X connector J5 (50 pin)	Pin Name	Pin #		
	VDDSAFE	1	1&2	VDD (5V)
	GND	14,17 (any GND)	3&4	GND