FROM MB

TO TFT

100R² î · Ö x è ¿ ¹ µ È ³ ¤

ACC3V3

TPS73501QDRBRQ1
I27
IN   OUT
NC3   NC1
NC2   FB/NR
EN   GND

1V78~1V84 500mA max

1V8_DSI2LVDS

R193 100-5%-0402-Y
R198 11K-1%-0402-Y
R199 22K-1%-0402-Y
C217 475-10V-0805-B
C218 104-16V-0402
C219 104-16V-0402
C220 106-6.3V-0805-B

TP100
TP99
TP4

1V8_DSI2LVDS

I2C2_SCL_DSI
I2C2_SDA_DSI

R192 10K-5%-0402-Y   NC
C10 224-10V-0402

1V8_DSI2LVDS

REFCLK=0 INTERNAL PLL
REFCLK=1 EXTERNAL CLK

ADDR=0 0x58 and 0x59
ADDR=1 0x5A and 0x58

R64 100K-5%-0402-Y
R62 NC 100K-5%-0402-Y

SA9123
SN65DSI83-Q1
U12

REFCLK
VCC3
DA0P
DA0N
DA1P
DA1N
GND1
DACP
DACN
GND2
VCORE
VCC4
IRQ

SDA SCL VCC2 RSVD_10 RSVD_9 RSVD_8 RSVD_7 RSVD_6 RSVD_5 RSVD_4 RSVD_3 RSVD_2 RSVD_1 VCC1 EN RSVD2

ADDR
VCC12
RSVD_20
RSVD_19
RSVD_18
RSVD_17
VCC11
RSVD_16
RSVD_15
VCC10
RSVD_14
RSVD_13
GND3
RSVD_12
RSVD_11
VCC9

RSVD1 VCC5 A_Y3P A_Y3N A_CLKP A_CLKN VCC6 A_Y2P A_Y2N VCC7 A_Y1P A_Y1N A_Y0P A_Y0N VCC8

DSI_D0P DSI_D0M
DSI_D1P DSI_D1M
DSI_CLK0P DSI_CLK0M
DSI_D2P DSI_D2M
DSI_D3P DSI_D3M

MCZ1210DH900L2
LVDS3_TX0N
LVDS3_TX0P
LVDS3_TX1N
LVDS3_TX1P
LVDS3_TX2N
LVDS3_TX2P
LVDS3_CLKN
LVDS3_CLKP
LVDS3_TX3N
LVDS3_TX3P

C11 105-16V-0603

IRQ
1V8_DSI2LVDS

CON1
CON-IMSA-9857S-52C-G5A

DSI_D3M
DSI_D3P
DSI_D2M
DSI_D2P
DSI_D1M
DSI_D1P
DSI_D0M
DSI_D0P
DSI_CLK0M
DSI_CLK0P
TP_INT
TP_RST
TP_SDA
TP_SCL
ACC3V3
BL_PWM
BL_EN
ILL_EN
TFT_TEM
5V
+12V

R66 0.5%-0402
R47b 0.5%-0402
R67 0.5%-0402

CON2
FPC-CON-IMSA-12003S-50A-GFN1

+12V
5V
ILL_EN
BL_PWM
TP_INT
TP_RST
TP_SDA
TP_SCL
ACC3V3
BL_EN
LVDS3_TX3P
LVDS3_TX3N
LVDS3_CLKP
LVDS3_CLKN
LVDS3_TX2P
LVDS3_TX2N
LVDS3_TX1P
LVDS3_TX1N
LVDS3_TX0P
LVDS3_TX0N
TFT_TEM

1V8_DSI2LVDS
R200 4K7-5%-0402-Y
TP_SCL
2N7002BK Q6
I2C2_SCL_DSI

1V8_DSI2LVDS
R203 4K7-5%-0402-Y
TP_SDA
2N7002BK Q7
I2C2_SDA_DSI

FID2001
FID2002
FID2003

X1
X2