Connector 40 pins to RES->LED

EPD Connector (16-bit Bus)

U1

Pin	Signal
1	VGL
2	NC
3	VGH
4	NC
5	VDD
6	Mode (EP_MODE)
7	CKV
8	SPV (EP_STV)
9	VSS
10	VCOM
11	VDD
12	VSS
13	XCL
14	D0
15	D1
16	D2
17	D3
18	D4
19	D5
20	D6
21	D7
22	VSS
23	D8
24	D9
25	D10
26	D11
27	D12
28	D13
29	D14
30	D15
31	XSTL
32	XLE (LEH)
33	XOE (EP_OE)
34	TEST
35	NC
36	VPOS
37	NC
38	VNEG
39	NC
40	BORDER

PWR_FLAG
PWR_FLAG
GND
GND
GND

TP1
TestPoint
PWR_FLAG

Tester LEDs DATA

D0 — 2.4k R6 — LED GREEN D0 — GND
D1 — 2.4k R7 — LED GREEN D1 — GND
D2 — 2.4k R8 — LED GREEN D2 — GND
D3 — 2.4k R9 — LED GREEN D3 — GND
D4 — 2.4k R10 — LED GREEN D4 — GND
D5 — 2.4k R11 — LED GREEN D5 — GND
D6 — 2.4k R12 — LED GREEN D6 — GND
D7 — 2.4k R13 — LED GREEN D7 — GND
D8 — 2.4k R14 — LED GREEN D8 — GND
D9 — 2.4k R15 — LED GREEN D9 — GND
D10 — 2.4k R16 — LED GREEN D10 — GND
D11 — 2.4k R17 — LED GREEN D11 — GND
D12 — 2.4k R18 — LED GREEN D12 — GND
D13 — 2.4k R19 — LED GREEN D13 — GND
D14 — 2.4k R20 — LED GREEN D14 — GND
D15 — 2.4k R21 — LED GREEN D15 — GND

Tester LEDs SIGNALS

EP_MODE — 2.4k R1 — LED GREEN EP_MODE1 — GND
CKV — 2.4k R2 — LED GREEN CKV1 — GND
EP_STV — 2.4k R3 — LED GREEN STV1 — GND
XCL — 2.4k R23 — LED GREEN XCL1 — GND
EP_OE — 2.4k R22 — LED GREEN OE1 — GND
XSTL — 2.4k R4 — LED GREEN XSTL1 — GND
LEH — 2.4k R5 — LED GREEN LEH1 — GND

MicroSD card reader

J1
XKTF-005

R_arr 35K Ω
3.3V
3.3V
RN1
33k R24
DAT1
DAT0
PIN_D1

Pin	
MP2	MP2
MP1	MP1
P8	PIN_D1
P7	PIN_D0
P6	
P5	SD_CLK
P4	3.3V
P3	SD_CMD
P2 DAT3/CD	PIN_D3
P1 DAT2	PIN_D2
WP1	WP1
CD1	CD1

GND
GND
R25
3.3V
33k

J2
Conn_01x08_Socket

8	PIN_D0
7	PIN_D1
6	PIN_D2
5	PIN_D3
4	SD_CLK
3	SD_CMD
2	3.3V
1	

GND

Misc.

H1 MountingHole
H2 MountingHole