TP1 GND

TP2 BLGND

TP3 VDD

TP4 VH

TP5 VL

CN2

HSSI_CLK_N	12	HSSI_CLK_N
HSSI_CLK_P	14	HSSI_CLK_P
HSSI_D0_N	8	HSSI_D0_N
HSSI_D0_P	10	HSSI_D0_P
HSSI_D1_N	16	HSSI_D1_N
HSSI_D1_P	18	HSSI_D1_P
TE	22	TE
RST	5	RESX
CABC	3	CABC
A	24	LEDA
K	23	LEDK

BLVDD

L1
BEAD

VL

4.7uH(1A)
L2

Z1
STPS1L40M

C1
4.7uF/50V   VH

C3
100nF

C4
10nF

+ C5
4.7uF/10V

BLGND

C2
10nF

BLGND

U1

8	SW	Vo	6
1	Vi	NC	5
7	EN		
3	GND	FB	4
9	PGND	Rset	2

STLD40DPUR

ID	1	
NC	9	
NC	13	
NC	17	
NC/ERR	20	
VCC	21	
IOVCC	6	
GND	2	
GND	4	
GND	7	
GND	11	
GND	15	
GND	19	
GND	25	

CABC   R1   0

BL_CTRL   R4   [N/A]

VDD   R5   4K7

BLGND

R2
100K

R3
10

BLGND

VDD

+ C7
100nF

C6
4.7uF

FH26-25S-0.3SHW
FPC03025-14201(ATOM)

LCD P/N: KM-040TMP-02

Backlight driver & PFC connector for LCD panel

CN1

HSSI_CLK_P	1	1	2	2
HSSI_CLK_N	3	3	4	4	INT
	5	5	6	6
HSSI_D0_P	7	7	8	8
	9	9	10	10
HSSI_D0_N	11	11	12	12
HSSI_D1_P	13	13	14	14
	15	15	16	16
HSSI_D1_N	17	17	18	18
	19	19	20	20
BLVDD	21	21	22	22
	23	23	24	24
	25	25	26	26
	27	27	28	28
BLGND	29	29	30	30
	31	31	32	32	SB1 Open BLVDD
	33	33	34	34
	35	35	36	36	VDD
	37	37	38	38
	39	39	40	40	I2C_SDA
	41	41	42	42
	43	43	44	44	I2C_SCL
	45	45	46	46
	47	47	48	48
TE	49	49	50	50
	51	51	52	52
BL_CTRL	53	53	54	54
	55	55	56	56
RST	57	57	58	58
	59	59	60	60

C8
100nF

SB2
Open

61	61
62	62
63	63
64	64

QTH-030-02-F-D-A

BLGND

Connector for motherboard

VDD

R6   R7   R8
[N/A] [N/A] 4K7

CN3

I2C_SCL	3	SCL
I2C_SDA	4	SDA
INT	2	INT
RST	5	RESET
	1	VDD
	6	GND

VDD

C9
100nF

FH19C-6S-05SH
FPC05006-09200(ATOM)

Touch panel connector for LCD panel

I2C Address:1010100

H1   H3

H2   H4

Title:	**4 inch DSI LCD board**	
Project:	**LCD daugterboard**	
Size: A4	Reference: MB1166	Revision: A.1
Date: 1/30/2015		Sheet: 1 of 1

life.augmented