LCD

DRAM

TV-OUT

CAMERA

UART

I2S

RTC

EHI

USB

TO WIFI_CARD

TO TF_CARD

I2C

I2C

EDI

ADC

BM

BOOT MODE

JTAG

SATA   HDMI   LVDS

USB HOST

USB OTG

HDMI

* BEAD Part Number: MPZ1608S101A

TCC8900_CPU_DDR2

TCC8900_MAIN

NAND-8bit

NAND

NAND-16bit

DDR2 SDRAM

NAND FLASH

TF_CARD

EDX_D[0:15]

EDL_D[0:15]

CT10
10uF/6.3V

C155
10uF/6.3V

C154
1uP/10V

POWER ON/OFF

BATTERY_CHARGE

1.2V CORE

POWER

AUDIO

WIFI MODULE

Ant. 2412~2482MHz

Backlight

TFT_DISPLAY

BATT

LCD_3V3
R114 10K
R113
NC
C117
NC

LCD_BL_PWM

R111 100K

C120 4.7uF/16V

NC

GND
5VDD
R112 1K
C118
0.1uF

U13
VDD   LX
EN   OVP
GND   FB

MP3302

L4   10uH,3D18-10R

D9 MBR0540

BL_LED+
BL_LED-

C121 1uF/50V
GND

J4
VLED+ PAD
VLED- PAD
CONNECTOR_3.5-2P

GND

R212 0R

C122 NC

R210 4.7R

I=0.195V/R

GND

J22
TSC_YM1   YU
TSC_XM1   XR
TSC_YP1   YD
TSC_XP1   XL
TP_CON

VDD33D

R78 100K   R183   C80

C22 10uF/6.3V

LCD_PWR_ON   GND

C90 1uF

LCD_3V3

U11
GND
GND
NC
VCC
VCC
VCC
VCC
NC
DE
GND
GND
GND

LCD_DE   R375   LCD_CON4

LCD_D5   R379   B4
LCD_D4   R380   B4
LCD_D3   R381   B3

LCD_D2   R383   B2
LCD_D1   R384   B1
LCD_D0   R385   B0

LCD_D11   R389   G2
LCD_D10   R391   G1
LCD_D9   R392   G0

LCD_D8   R393   G4
LCD_D7   R395   G3
LCD_D6   R396   G2

LCD_D17   R399   R4
LCD_D16   R400   R3
LCD_D15   R101   R2

LCD_D14   R397   R1
LCD_D13   R387   R0
LCD_D12   R388   R4/G4

LCD_CLK   R406   0R   DCLK

C111
NC

PAD 41
PAD 42

GND