



← DSP\_RSTB\_WAKEUP (MAIN MCU)

→ DSP\_BUSY\_WAKEUP (DSP MCU IRQ)

H1  
1 V\_DISP  
2 DSP\_TXD\_SDA  
3 DSP\_RXD\_SCL  
4 GND  
5 DSP\_RSTB  
6 DSP\_BUSY  
M1  
M2  
MAIN-BRD

H3  
1 3V3  
2 MOSI  
3 MISO  
4 SCK  
5 nCS  
6 nRES  
7 A0  
8 GND  
DSP-SPI

H2  
1 LCD\_CS1B  
2 LCD\_RESB  
3 LCD\_A0  
4 LCD\_WRB\_RWB  
5 LCD\_RDB\_E  
6 LCD\_D0  
7 LCD\_D1  
8 LCD\_D2  
9 LCD\_D3  
10 LCD\_D4  
11 LCD\_D5  
12 LCD\_D6\_SCLK  
13 LCD\_DT\_SI  
14 VDD  
15 GND  
VSS  
VOUT  
16 LCD\_VOUT  
17 LCD\_CAP1P  
18 LCD\_CAP1N  
19 LCD\_CAP1P  
20 LCD\_CAP2P  
21 LCD\_CAP2N  
22 LCD\_V4  
V4  
23 LCD\_V3  
V3  
24 LCD\_V2  
V2  
25 LCD\_V1  
V1  
26 LCD\_V0  
V0  
27 LCD\_C86  
C86  
28 LCD\_PS  
PS  
64128K-COG

H4  
1 3V3  
2 nCS1  
3 nRES  
4 A0  
5 nWR\_R/W  
6 nRD\_E  
7 D0  
8 D1  
9 D2  
10 D3  
11 D4  
12 D5  
13 D6  
14 D7  
15 C86  
16 GND  
DSP-PARALLEL

H5  
1 GND  
2 nSP  
3 3V3  
JPR-nSP

MOD1  
1 GND  
2 GND  
3 VOUT  
4 VIN  
5 nR  
6 nR  
7 RD-  
8 RD-  
9 TD-  
10 TD-  
11 D+  
12 D+  
13 P28  
14 P27  
15 P26  
16 P25  
17 P24  
18 P23  
19 P22  
20 P21  
nBee-LPC1768

P4 nR  
P5 PB1\_RESET  
P6 PB2\_POWER  
P7 PB3\_SPARE  
P8 BUSY  
P9 TXD  
P10 RXD  
P11 D7\_MOSI  
P12 MISO  
P13 D6\_SCK  
P14 A0\_nBC  
P15 nRES  
P16 nCS1  
P17 LED1  
P18 LED2  
P19 LED3  
P20 LED4  
P21 nWR  
P22 nRD  
P23 D0  
P24 D1  
P25 D2  
P26 D3  
P27 D4  
P28 D5  
P29 CS6  
P30 nSP  
R12 OR  
R13 NM  
R14 OR  
R15 OR  
R16 OR  
R17 OR  
R18 OR  
R19 OR  
R20 OR  
R21 OR  
R22 OR  
R23 OR  
R24 OR  
R25 180R  
R26 180R  
R27 180R  
R28 180R  
R34 OR  
R35 OR  
R36 OR  
R37 OR  
R38 OR  
R40 OR  
R41 OR  
R42 OR  
R43 OR

H7  
1  
2  
3  
JPR-PWR-ONOFF

H6  
1  
2  
3  
DC-PWR-JACK

H8  
1  
2  
3  
JPR-3V3