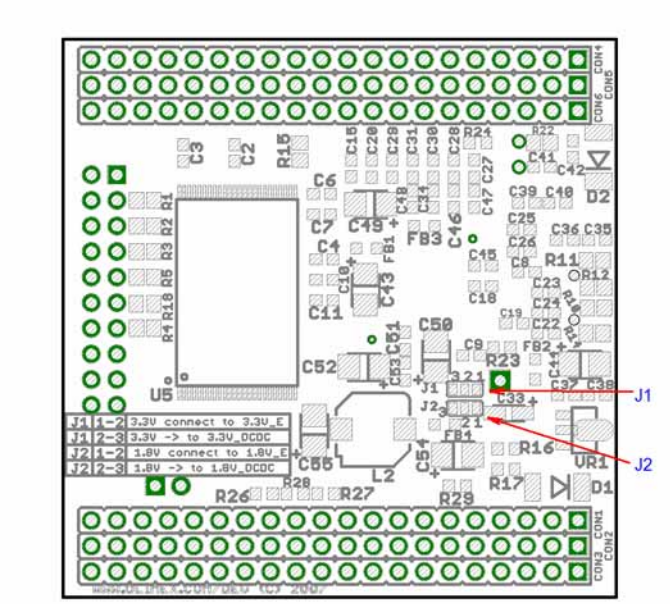
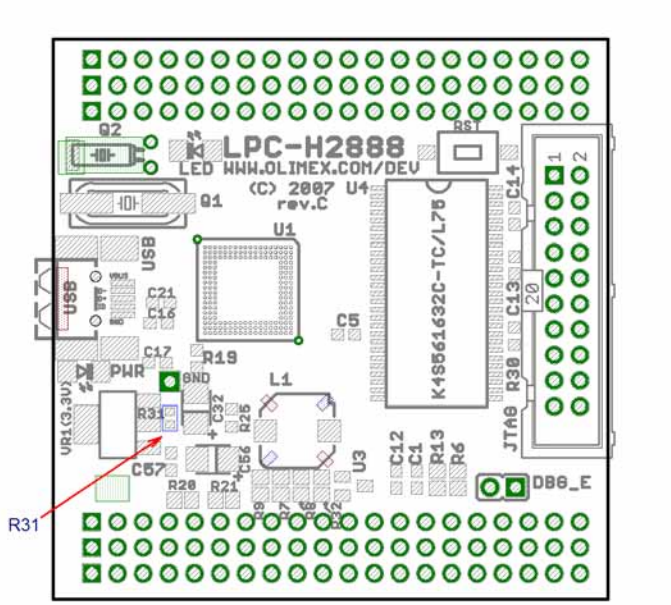
LPC2888 power jumpers description



Bottom view



Top view

1.Power supply from mini USB connector(+5VDC)

1.1. LPC2888 and the memories are powered from <u>on board</u> Linear Voltage Regulators. ***(this is the default shipping option)***

1.1.1 Resistor R31 has to be close (0 Ohm).

1.1.2 Jumper J1 has to be in 1-2 position.(3.3V)

1.1.3 Jumper J2 has to be in 1-2 position.(1.8V)

1.2. LPC2888 is powered from <u>internal</u> Linear Voltage Regulators. The memories are powered from 3.3V <u>on board</u> Linear Voltage Regulator.

1.2.1 Resistor R31 has to be close. (0 Ohm).

1.2.2 Jumper J1 has to be in 2-3 position.(3.3V)

1.2.3 Jumper J2 has to be in 2-3 position.(1.8V)

1.3. LPC2888 and memories are powered from <u>internal</u> Linear Voltage Regulators. – optional mode.

1.3.1 Resistor R31 has to be open. 

1.3.2 Jumper J1 has to be in 1-2 and 2-3 position(1,2,3 are short).(3.3V) 

1.3.3 Jumper J2 has to be in 2-3 position.(1.8V) 

2.Power supply from internal DC-DC converters of LPC2888.

2.1 LPC2888 and the memories are powered from internal DC-DC converters of LPC2888. 1.2V battery has to be supplied between CON3-16(+) and CON3-15(GND) pin of connector 3.

2.1.1 Resistor R31 has to open. 

2.1.2 Jumper J1 has to be in 1-2 and 2-3 position(1,2,3 are short).(3.3V) 

2.1.3 Jumper J2 has to be in 2-3 position.(1.8V) 

3. Power supply from battery and USB connector

3.1 LPC2888 is powered from battery, the memories are powered from on board linear regulators through USB.(USB and battery have to be pressent). - optional mode.

3.1.1 Resistor R31 has to be close (0 Ohm). 

3.1.2 Jumper J1 has to be in 2-3 position.(3.3V) 

3.1.3 Jumper J2 has to be in 2-3 position.(1.8V) 

4. Powered from Vin pin.

Supply 5VDC bettwen CON5-7(+) and CON5-5(GND) pin of connector 5.

4.1 LPC2888 and memories are powered from on board linear voltage regulators.

4.1.1 Resistor R31 has to be close (0 Ohm). 

4.1.2 Jumper J1 has to be in 1-2 position.(3.3V) 

4.1.3 Jumper J2 has to be in 1-2 position.(1.8V)