A20-SOM, board revision D

2 x [4Gb DDR3 SDRAM (256Mx16)] = 1GByte

NAND Flash

32Gb (4096M x 8bit)

MicroSD

BUTTONS

Additional Extension

LCD EXTENSION

GPIO EXTENSIONs

POWER SUPPLY CIRCUIT

The power options are 4:

1. 5VEXT via GPIO-2 and GPIO-4
   (Extra 5VDC power source);
2. BAT via GPIO-2
   (Extra 4.2VDC battery);
3. +5V_OTG_PWR via GPIO-1
   (Extra 5VDC power supply JST);
4. +5V via UART0 header
   (Extra 5VDC power source);

MIC

LED

A20-SOM, board revision D
OLIMEX LTD, BULGARIA, 2015
https://www.OLIMEX.com

This product forges the basis of every A20-SOM board. The peripherals and functions might be accessed by the headrs on the board. It is worth checking A20-SOM-EVB board that is an example for a top board (with almost all peripherals demonstrated).