Input Power Supply
7.5 VDC 1A or USB

Attention! you cannot use an external power supply with a voltage greater than 7.5V, because the high voltage to high heat LDO on the Arduino board and the board may be damaged. It is also not recommended to use a power supply unit less than 6.5V since a voltage margin is needed to stabilize the LDO 5V voltage on the Arduino board.

ARDUINO MEGA/DDS PINOUT

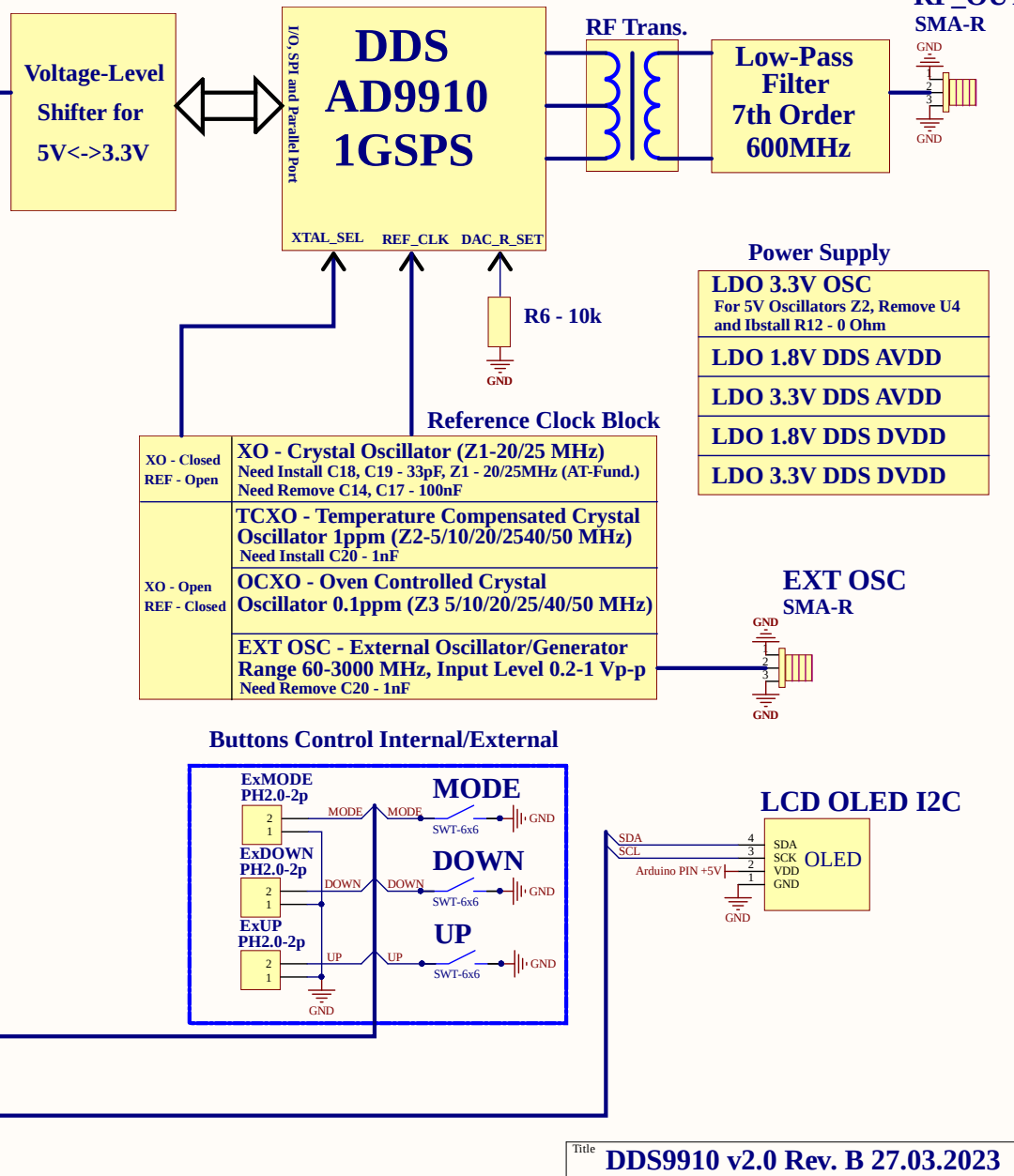
- Arduino PIN50, PIN12 - DDS SDO
- Arduino PIN51, PIN11 - DDS SDIO
- Arduino PIN52, PIN13 - DDS SCLK
- Arduino PIN10 - DDS CS
- Arduino PIN9 - IO_RESET
- Arduino PIN4 - DDS PF0
- Arduino PIN3 - DDS PF1
- Arduino PIN2 - DDS PF2
- Arduino PIN8 - DDS DRHOLD
- Arduino PIN43 - DDS SYNC_SMP_ERR
- Arduino PIN45 - DDS PLL_LOCK
- Arduino PIN47 - DDS RAM_SWP_OVR
- Arduino PIN46 - DDS SYNC_CLK
- Arduino PIN44 - DDS PDCLK
- Arduino PIN42 - DDS DROVER
- Arduino PIN40 - DDS OSK
- Arduino PIN38 - TXENABLE

- Arduino PIN22 - DDS D0
- Arduino PIN23 - DDS D1
- Arduino PIN24 - DDS D2
- Arduino PIN25 - DDS D3
- Arduino PIN26 - DDS D4
- Arduino PIN27 - DDS D5
- Arduino PIN28 - DDS D6
- Arduino PIN29 - DDS D7
- Arduino PIN37 - DDS D8
- Arduino PIN36 - DDS D9
- Arduino PIN35 - DDS D10
- Arduino PIN34 - DDS D11
- Arduino PIN33 - DDS D12
- Arduino PIN32 - DDS D13
- Arduino PIN31 - DDS D14
- Arduino PIN30 - DDS D15
- Arduino PIN39 - DDS F0
- Arduino PIN41 - DDS F1

- Arduino PIN5 - DDS EXT_PWR_DWN
- Arduino PIN6 - DDS IO_UPDATE
- Arduino PIN7 - DDS DRCTL
- Arduino PINA3- MASTER_RESET

- Arduino PINA2- Button UP
- Arduino PINA1- Button DOWN
- Arduino PINA0- Button MODE

- Arduino PIN20, A4 - LCD SDA
- Arduino PIN21, A5 - LCD SCL
- Arduino PIN +5V



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