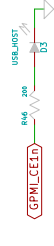


- Capacitors are X7R, 6.3V, 20% or better unless otherwise noted
- Tantalum capacitors should have ESR < 300mOhm but to reduce
- VDDIO, VDDD, VDDA should have 33uF of decoupling and LPF > 1
- Power Supply Designed to Freescale AppNote AN3883 recommend
- A PROpendous board must be self/battery-powered to meet the

[illegible]

Host/Debug Mode Enabled LED



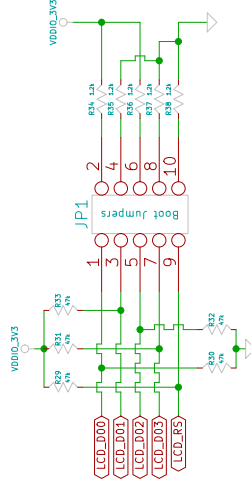
Power ON LED



Boot Mode Selection

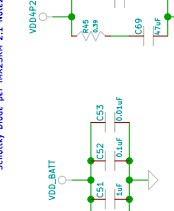
Boot Mode	LCD_Data		
	3	2	0
USB	0	0	0
I2C Master (AUART)	0	0	1
SPI SSP1 Flash	0	0	1
SPI SSP2 Flash	0	0	1
GPIM1 (NAND)	0	1	0
DEBUG (JTAG_WAIT)	0	1	0
SPI SSP2 EEPROM	1	0	0
SD/MMC 1	1	0	0
SD/MMC 2 (Default)	1	0	1

Only need to mount jumpers to invert signals and select boot modes other than SD/MMC2

[illegible]

A circuit diagram showing a Schottky diode labeled D2. The diode is oriented with its cathode towards VDD04P2 and its anode towards VDD_BATT. The diode symbol is a triangle pointing towards the cathode. The text "Schottky Diode per IMX23RM 2.1 Note" is written vertically to the right of the diode.

Schottky Diode per IMX23RM 21 Note 3



USB-miniB VBUS supplies power for Li-Ion Battery charging as well as board power. However, current consumption does not meet USB Suspend Mode requirements.

