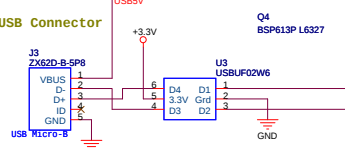
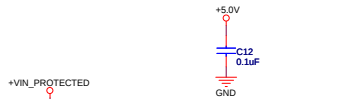


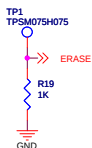
If +VIN exists, all rails driven by +VIN
If +VIN not present, all rails driven by USB Power



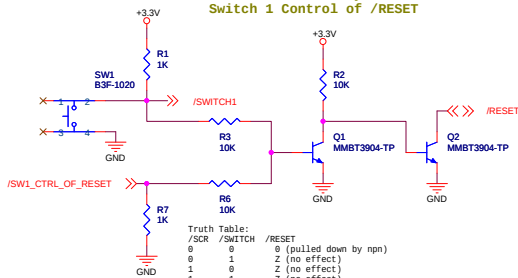
3.3V LDO Converter

The diagram shows a 3.3V LDO Converter circuit. The input is +5.0V, connected to the Vin pin (pin 3) of the LDO regulator (U6, MC33269D-3.3G). A 0.1uF capacitor (C21) is connected between the input and ground. The output is +3.3V, connected to the Vout pin (pin 4) of the LDO regulator. A 1R resistor (R18) is connected between the output and ground. A 10uF capacitor (C22) is connected between the output and ground. The LDO regulator's GND pin (pin 1) is connected to ground.

Short TP1 to 3.3V or 5.0V
during startup to replace bootloader



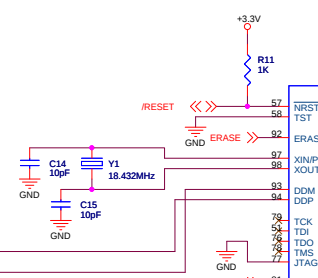
Selection Circuitry for Switch 1 Control of /RESET



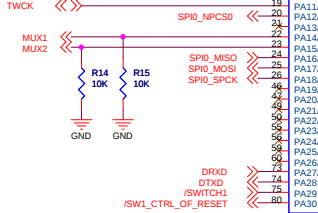
```

Truth Table:
/SCR  /SWITCH  /RESET
0      0      0 (pulled down by npn)
0      1      Z (no effect)
1      0      Z (no effect)
1      1      Z (no effect)

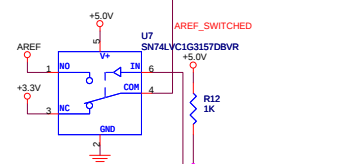
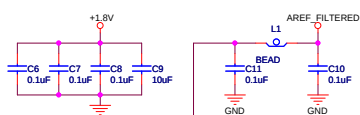
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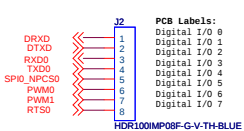
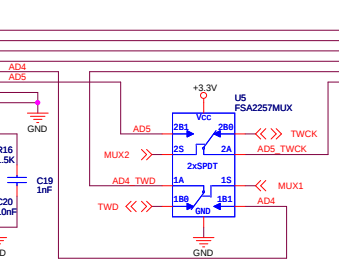
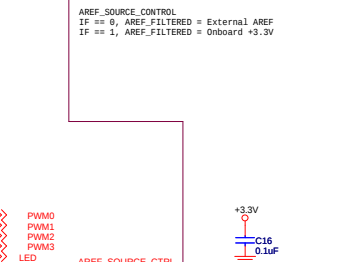
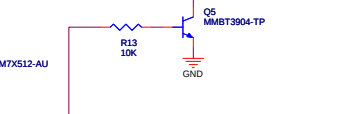
TWD <>



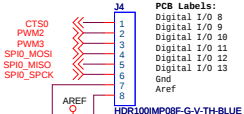
ARM7 Microcontroller
512KB Flash



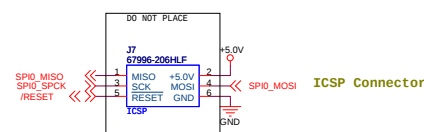
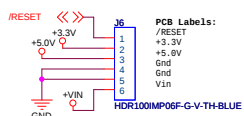
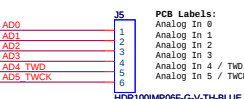
AREF_SOURCE_CONTROL
IF == 0, AREF_FILTERED = External AREF
IF == 1, AREF_FILTERED = Onboard +3.3V



Digital Connector 2



Power Connector



Title		
Netduino		
Size	Document Number	Rev
C	CW0001	B