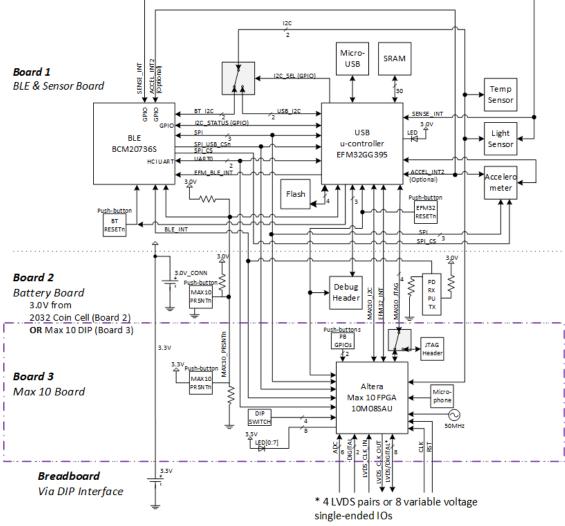
IoT Development Kit Max 10 Board

This schematic is "Board 3" of the complete demonstration board, shown in the block diagram below.



		2	1					
REV	DATE	PAGES	DESCRIPTION					
A0.01	08/28/2014	ALL	Still a lot to do.					
A0.02	09/08/2014	ALL	Remove SRAM, update Max 10 pinout, add adj regulator, misc.					
A0.03	09/12/2014	1-3	Update block diagram, add microphone and 50MHz clock.					
A0.04	09/12/2014	ALL	Update block diagram. Add push-buttons. Add 3.3V power mux.					
A0.05	09/16/2014	ALL	Add power block diagram. Change SW1 to U6. Change footprint names for J2. Change J5 to TH part. Update Max 10 VREF pins.					
A0.06	09/16/2014	3	Update block diagram. Change J2 pinout so that the pcb footprint can be updated such that pin 1 aligns with the notch in the connector.					
A0.07	09/30/2014	3	Add IR LED. Change op-amp to LT6220. Add power muxing for VCCIO_VAR rather than jumper voltage select.					
A0.08	10/7/2014	2-3	Add mounting hole symbols for BOM. Add pull-up to op-amp in. DNI LVDS CLK P/LVDS CLK N 100-ohm resistor. Update LVDS notes on sheet 2.					
A0.09	10/8/2014	2-3	Move IR LED to pin K10. Change op-amp input pull-up to 10K, not DNI.	\neg				
A0.10	10/9/2014	3	Add 0603 pull-up and pull-down resistor options to UART RX.					
B1.01	12/10/2014	3	Add Capacitor to Microphone Amp Feedback, Fix IRDA polarity					
B1.02	12/12/2014	3-4	Changed Microhpone Gain, and Variable IO Switch Points					
B1.03	12/16/2014	4	Change IO Voltage Switch Points					
B1.04	01/21/2015	3	Changed R45 to 1K from 10K	\dashv				
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PAGE	DESCRIPTION				
1	Title, Notes, Block Diagram, Rev. History				
2	Max 10				
3	CONNECTOR & IO				
4	POWER				



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