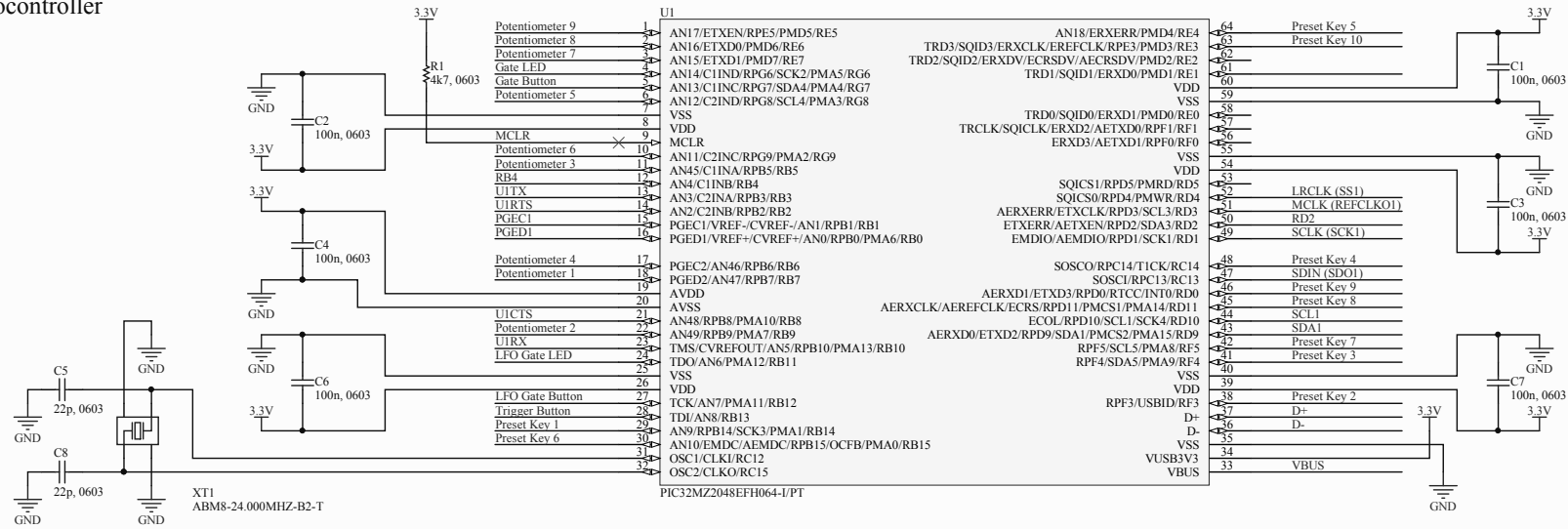


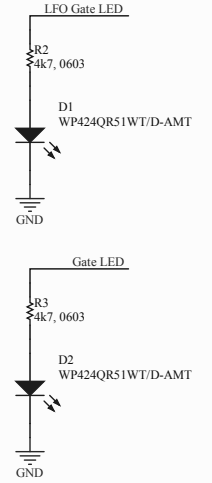
Designator	Quantity	Comment	Footprint
C1, C2, C3, C4, C6, C7, C15, C17, C21	9	100n, 0603	Capacitor 0603
C5, C8	2	22p, 0603	Capacitor 0603
C9, C10, C11, C12, C13, C14, C16, C18	8	2u2, 0603	Capacitor 0603
C19, C20	2	2n2, 0603	Capacitor 0603
D1, D2	2	WP424QR51WT/D-AMT	LED 3mm
D3	1	SA1	DO-214AC
J1	1	PJ-051A	PJ-051A
J2	1	SSW-116-02-G-D-RA	SSW-116-02-G-D-RA
J3	1	SJ1-3525NG	SJ1-3525NG
R1, R2, R3, R13, R14	5	4k7, 0603	Resistor 0603
R4, R5, R6, R7, R8, R9, R10, R11, R12	9	RV09AF-40-20K-B10K	RV09ACF-40
R15, R16	2	470R, 0603	Resistor 0603
S1, S2, S3, S4, S5, S6, S7, S8, S9, S10	10	MX1A-E1NW	MX1A
S11, S12, S13	3	FSM14JHX	FSM14JHX
U1	1	PIC32MZ2048EFH064-I/PT	TQFP64
U2	1	UA78M33CDCY	SOT-223
U3	1	UA78M05CDCY	SOT-223
U4	1	CS4354	SOIC14
U5	1	24AA32A-I/SN	SOIC8
XT1	1	ABM8-24.000MHZ-B2-T	ABM8

Microcontroller



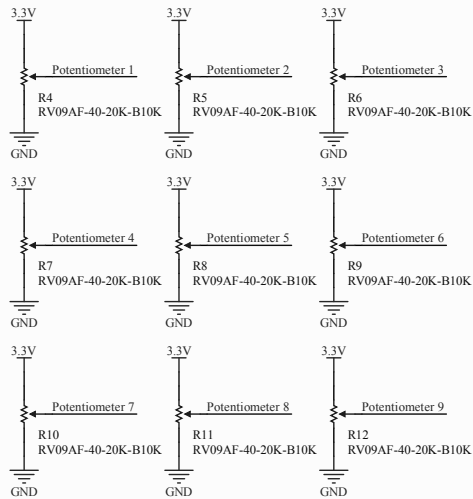
Assumes silicon revision A3 else silicon errata issues may prevent operation

LEDs

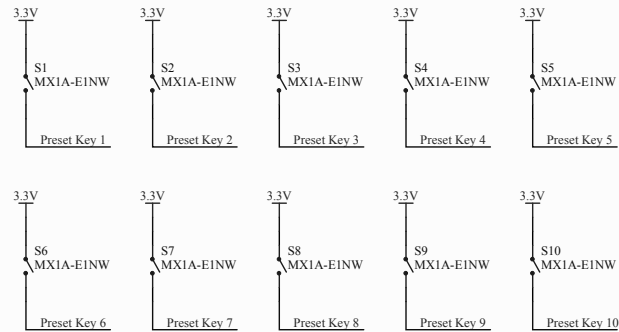


LED current <1mA

Potentiometers

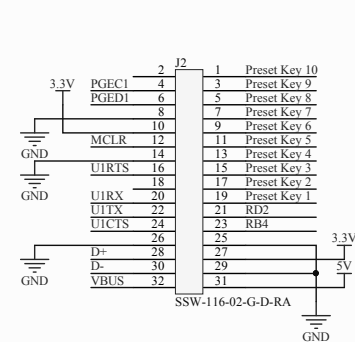


Keys

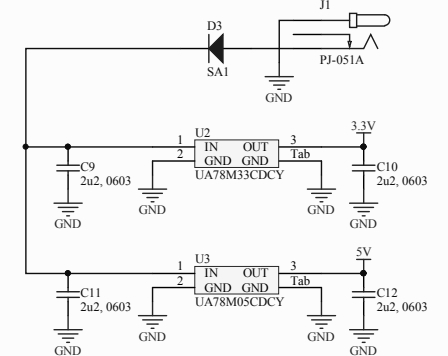


Requires microcontroller internal pull-down

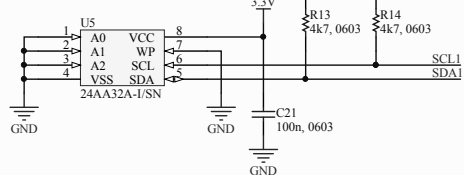
Expansion Connector



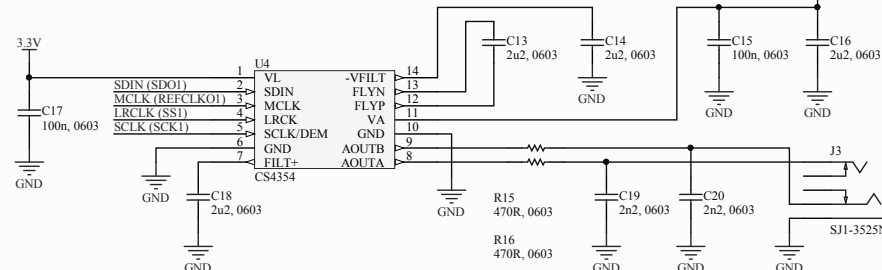
Voltage Regulators



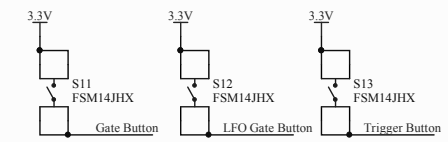
EEPROM



Audio DAC



Buttons



Requires microcontroller internal pull-down

Title		
Size	Number	Revision
A3		
Date:	01/11/2017	Sheet of
File:	C:\MyFiles\Sheet1.SchDoc	Drawn By:

