

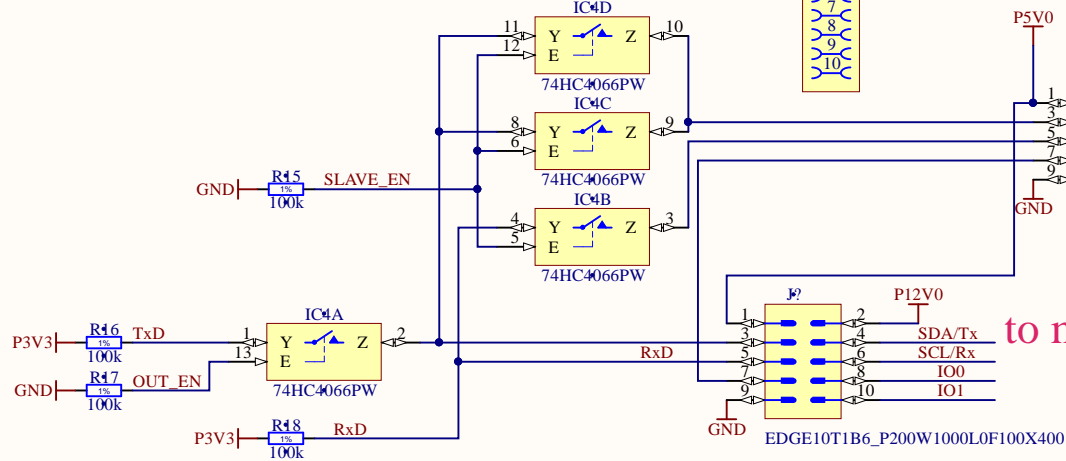
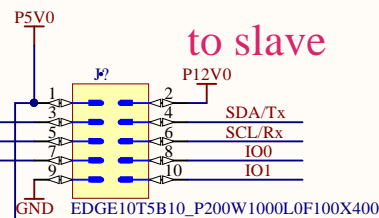
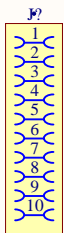
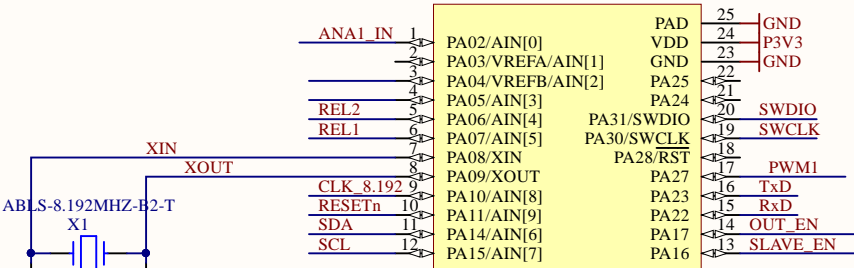
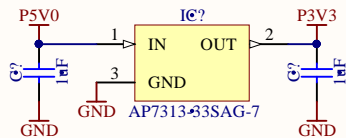
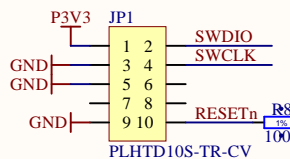
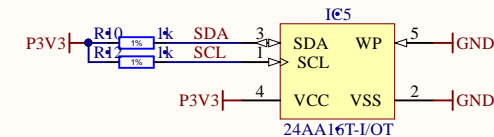
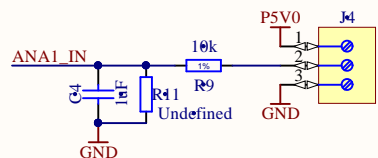
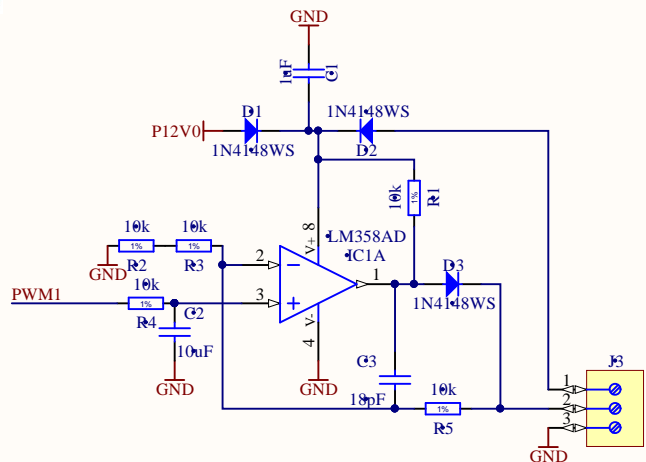
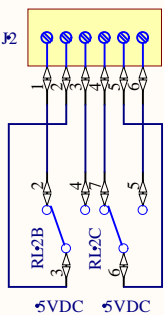
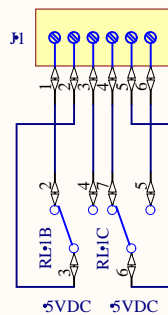
Table 6-1. PORT Function Multiplexing

Pin			A			B			C			D			E			G			H																				
SAM9D92C-SAM9D90C			16-pin SOIC			16-pin QFN			IO Pin			Supply			Type			EIC			REF			ADC			SERCOM ⁰			SERCOM-ALT			TC			COM			GCLK		
13	1	PA02	VDD	EXTINT[2]																																					
	2	PA03	VDD	EXTINT[3]																																					
14	3	PA04	VDD	EXTINT[4]																																					
1	4	PA05	VDD	EXTINT[5]																																					
	5	PA06	VDD	EXTINT[6]																																					
	6	PA07	VDD	EXTINT[7]																																					
2	7	PA08	VDD	EXTINT[8]																														GCLK_I000							
3	8	PA09	VDD	EXTINT[9]																														GCLK_I001							
	9	PA10	VDD	EXTINT[10]																														GCLK_I004							
	10	PA11	VDD	EXTINT[11]																														GCLK_I005							
4	11	PA14	VDD	PC	NMI																													GCLK_I006							
	12	PA15	VDD	PC	EXTINT[1]																														GCLK_I008						
	13	PA16	VDD	EXTINT[16]																															GCLK_I002						
	14	PA17	VDD	EXTINT[17]																															GCLK_I003						
	15	PA22	VDD	PC	EXTINT[15]																														GCLK_I001						
	16	PA23	VDD	PC	EXTINT[16]																														GCLK_I002						
	17	PA27	VDD	EXTINT[17]																															GCLK_I009						
6	18	PA28	VDD																																						
7	19	PA30	VDD	EXTINT[19]																															GCLK_I006						
8	20	PA31	VDD	EXTINT[20]																															GCLK_I009						
9	21	PA24	VDD	EXTINT[21]																															GCLK_I004						
10	22	PA25	VDD	EXTINT[22]																															GCLK_I005						

Notes:

- ⁰ SERCOMs are not available on SAM9D92C-SAM9D90C. The SERCOMs are available on SAM9D92C-SAM9D90C.
- ¹ SERCOMs are not available on SAM9D92C-SAM9D90C. The SERCOMs are available on SAM9D92C-SAM9D90C.

Notes: 1. Refer to "Electrical Characteristics" on page 643 for details on the PC pin characteristics. Only some pins can be used in SERCOM PC mode. See the Type column for using a SERCOM pin in PC mode.
2. This function is only activated in the presence of a debugger.
3. If the PA24 and PA25 pins are not connected, it is recommended to enable a pull-up on PA24 and PA25 through input GPIO mode. The aim is to avoid an eventually extract power consumption (~1mA) due to a not stable level on pad.



Title		
Size	Number	Revision
A3		
Date:	04.03.2018	Sheet of
File:	D:\Dropbox\...\Sensor_Box_IO_Relay.Sch	Drawn By:

