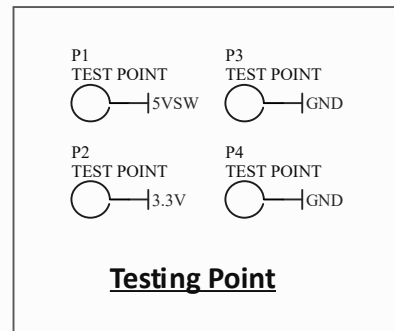
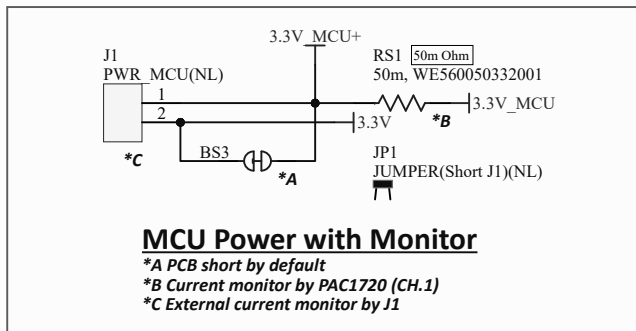
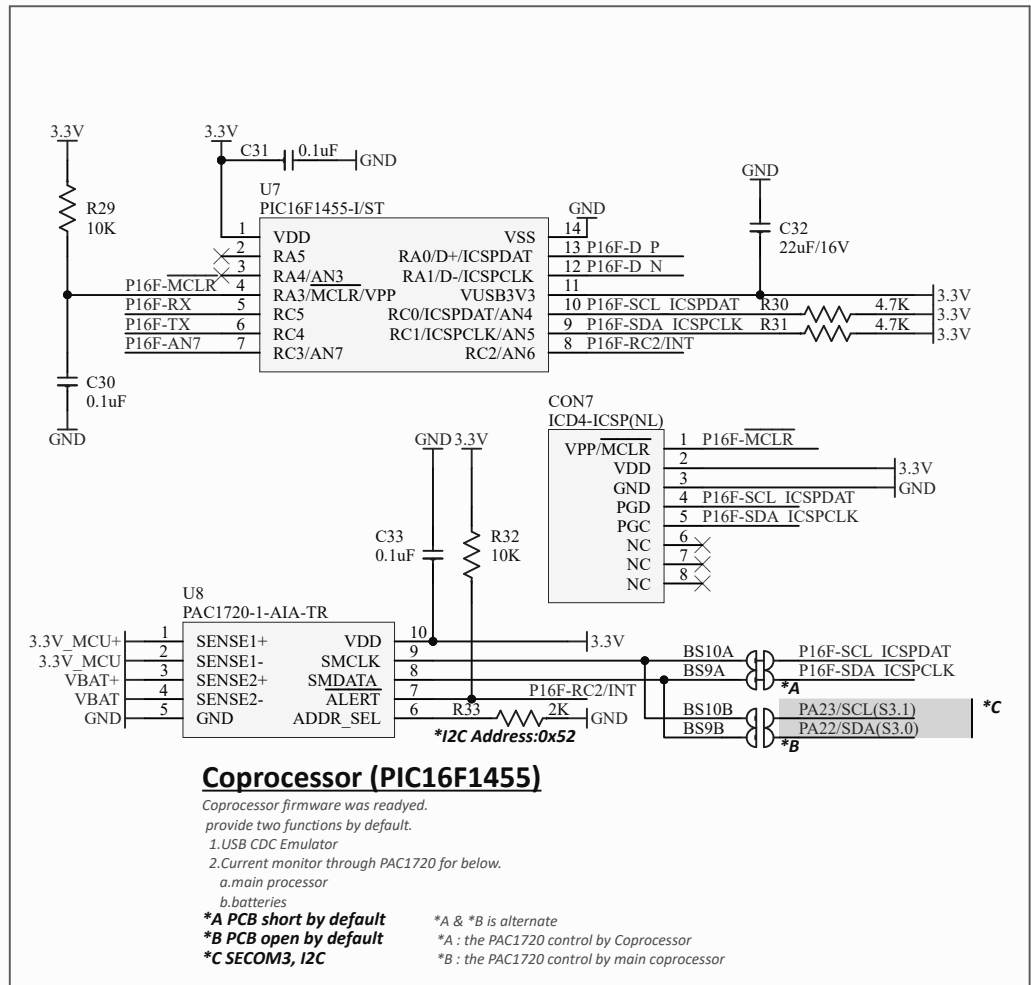
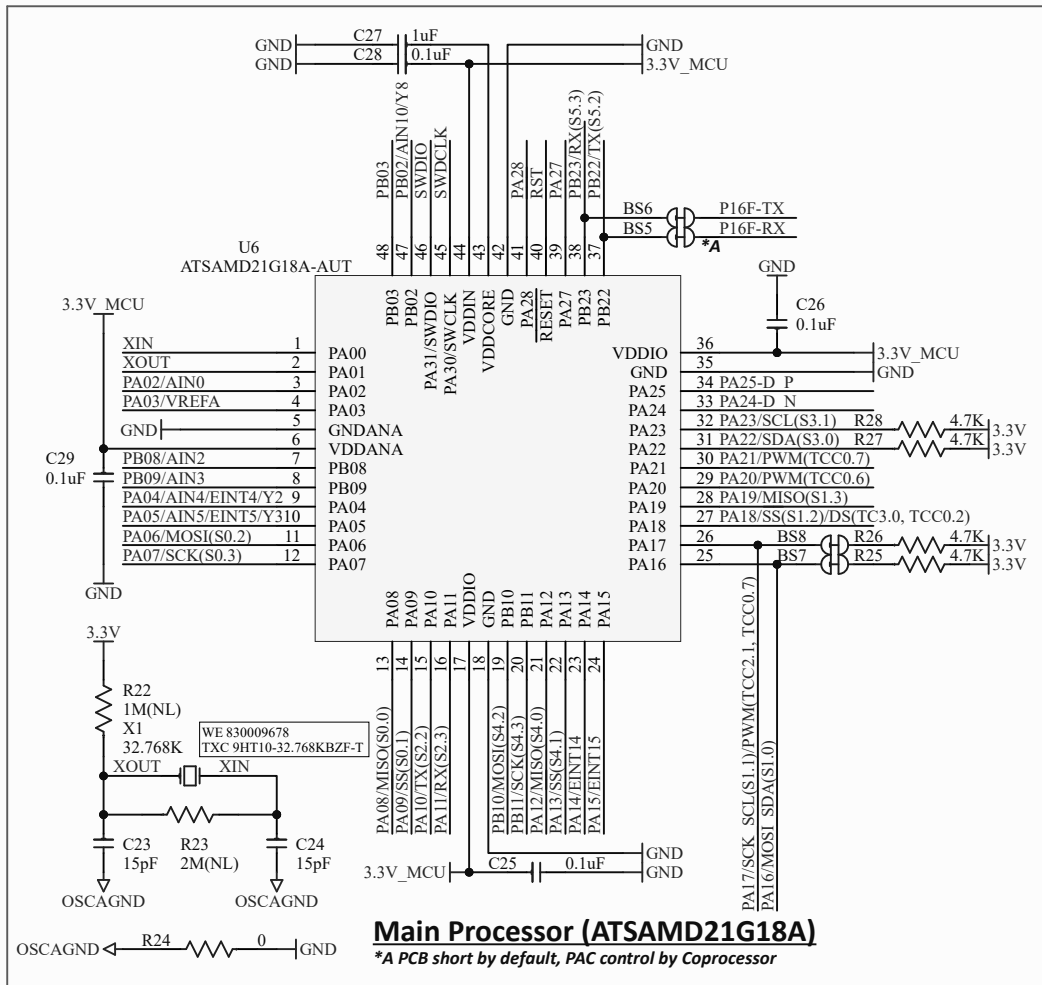
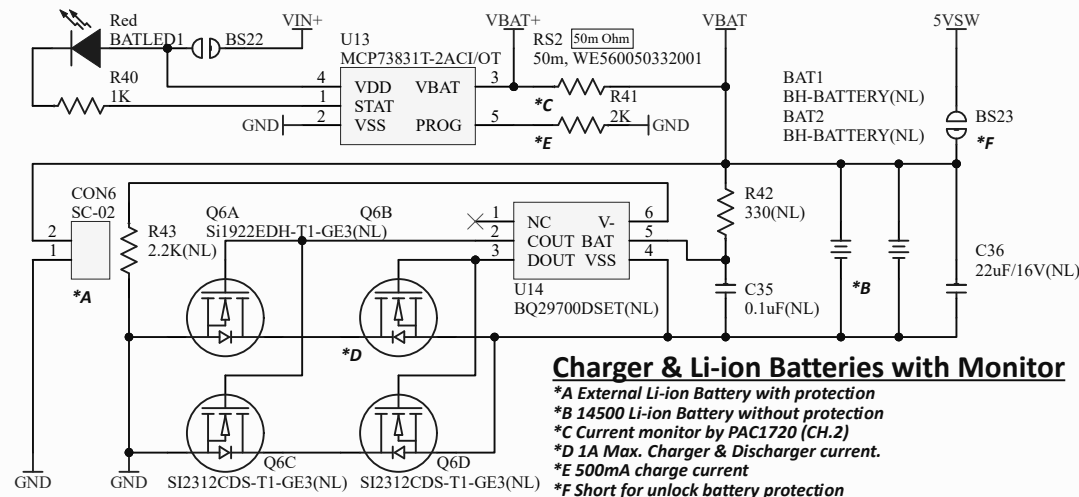
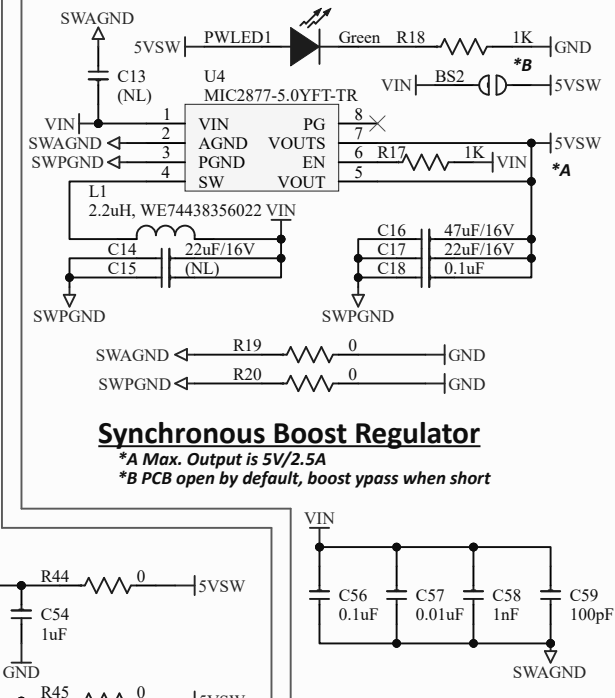
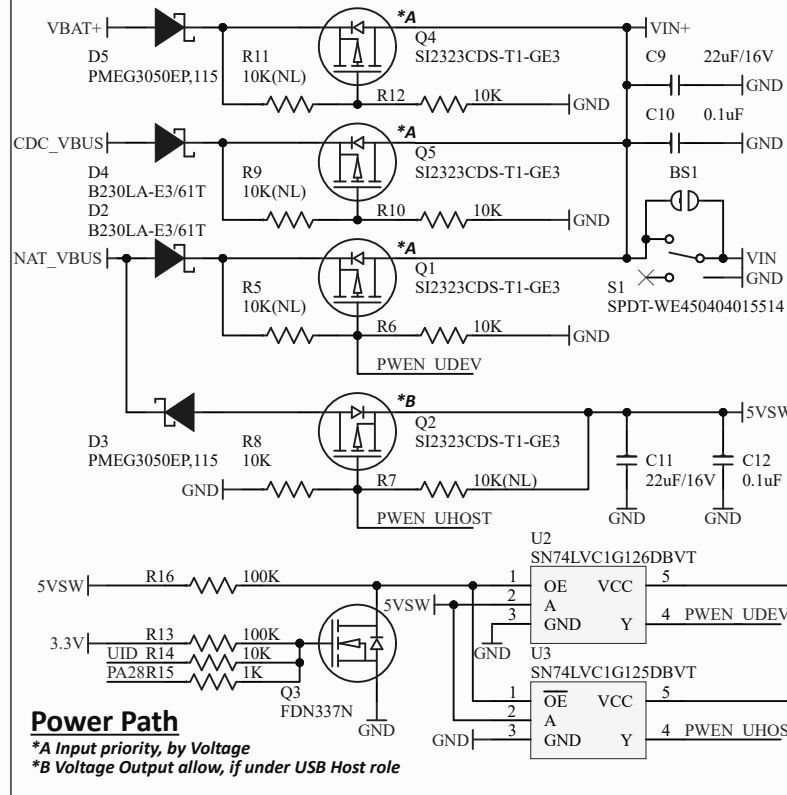
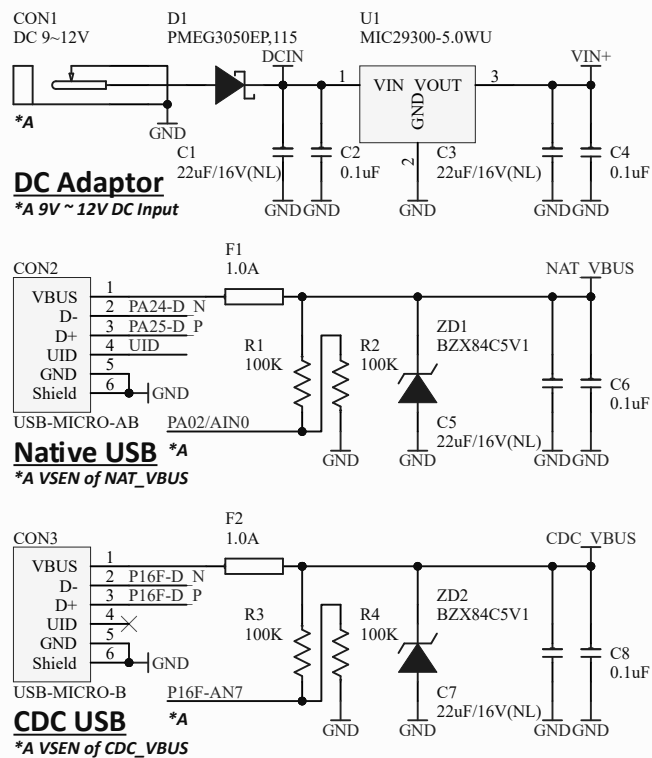




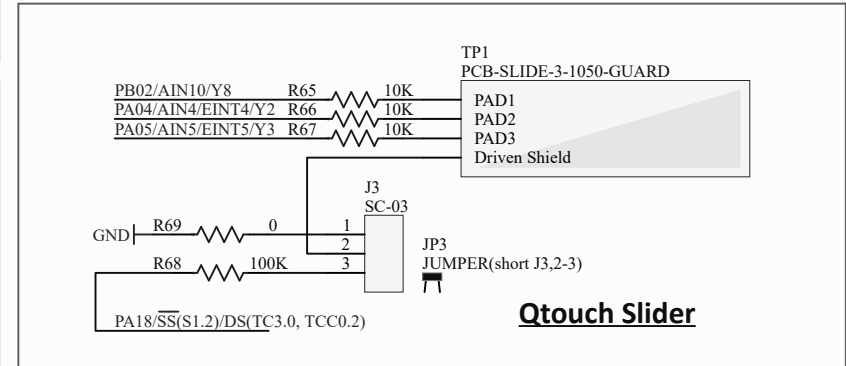
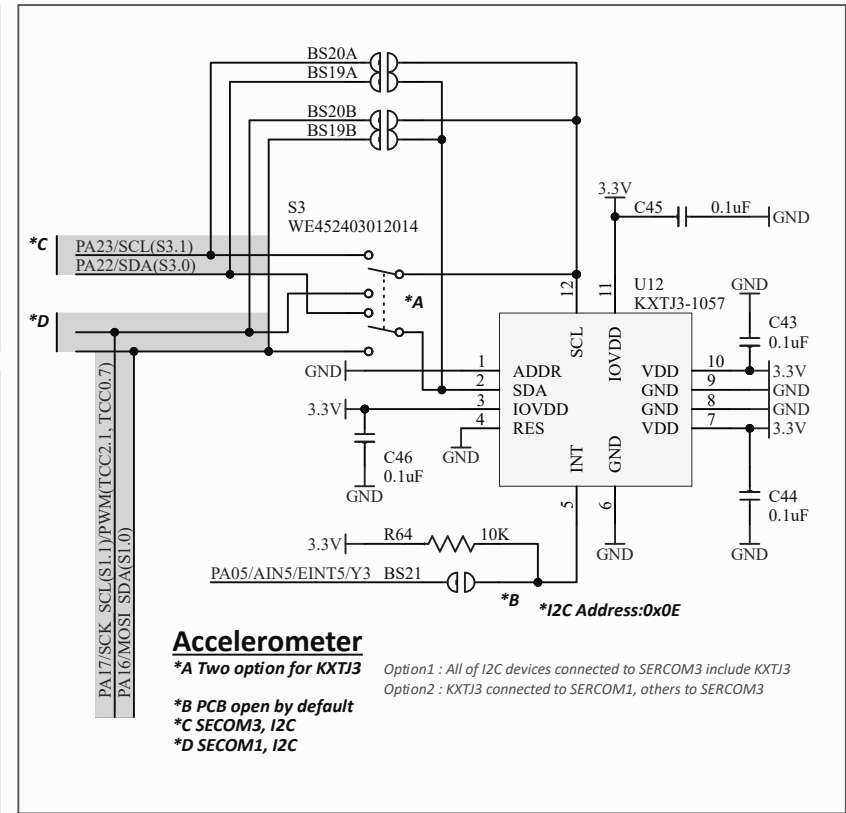
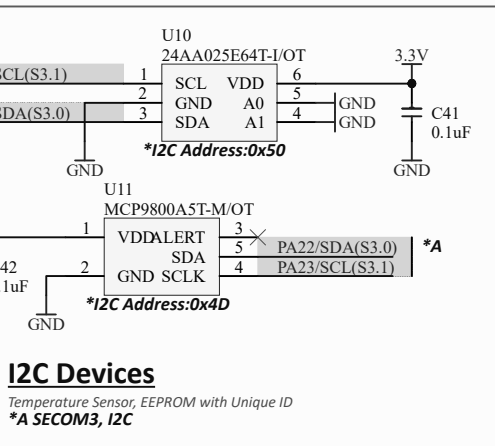
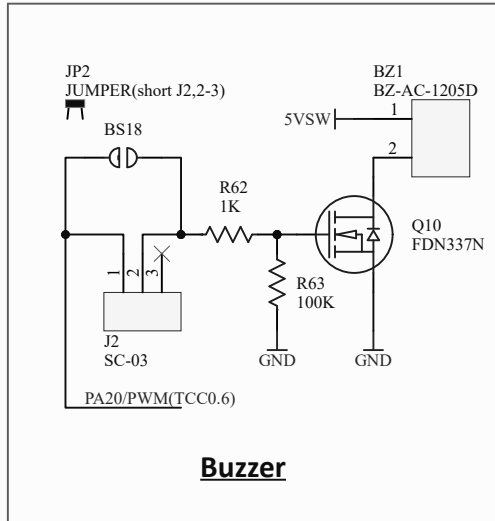
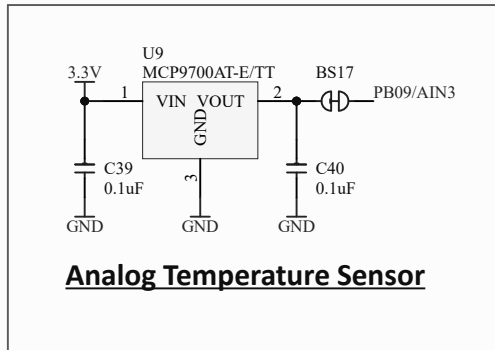
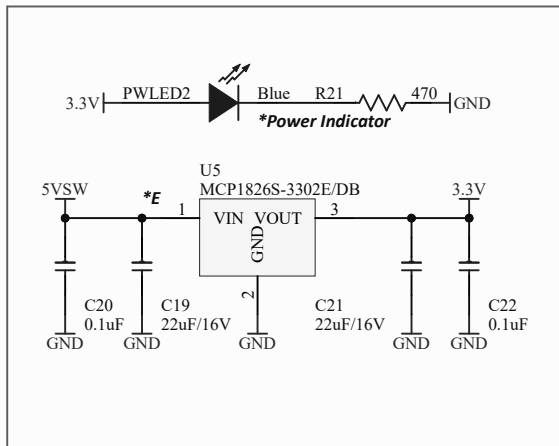
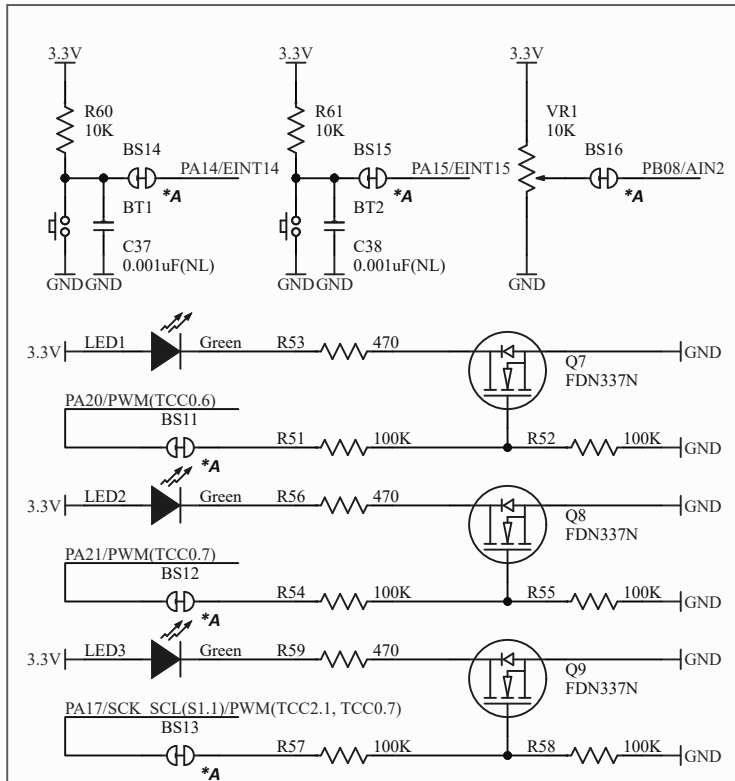
Training Material Available !
www.microchip.com.tw/RTC/RTC_DVD

Title			
APP045 SAMD21 EVM Board 1/4			
Size	Number	Revision	ES.d
A4			v4.20
Date:	5/04/2021	Sheet of	
File:	D:\[Design]\APP045 v4.20 ES.d - 1.Sch	Drawn By:	Adam Syu

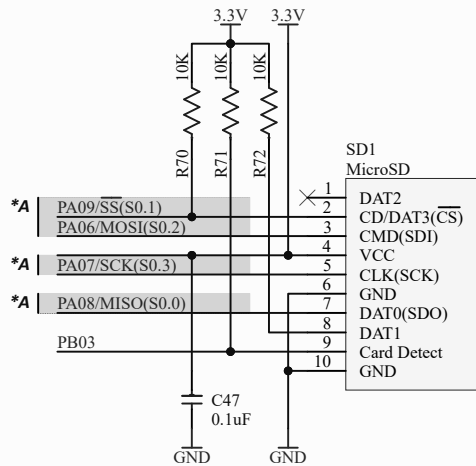


Training Material Available !
www.microchip.com.tw/RTC/RTC_DVD

Title			
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Date:	5/04/2021	Sheet of	
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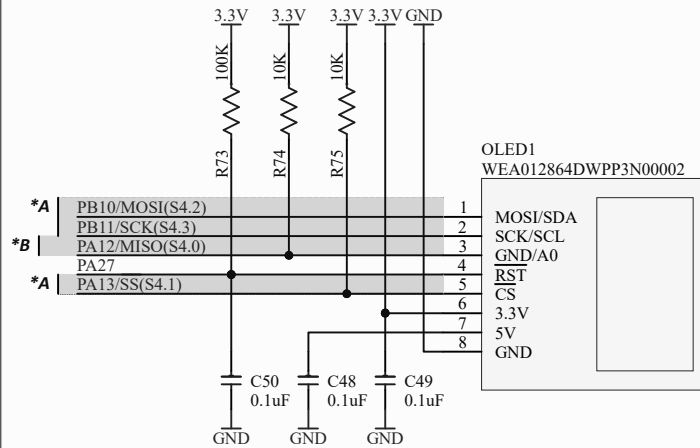
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A4		v4.20	
Date:	5/04/2021	Sheet of	
File:	D:\[Design]\APP045 v4.20 ES.d - 3.Sch	Drawn By:	
		Adam Syu	



MicroSD(T-flash) Card Socket

MicroSD Card support SPI mode only

***A SECOM0, SPI (DOPO:0x01, DIPO:0x00)**

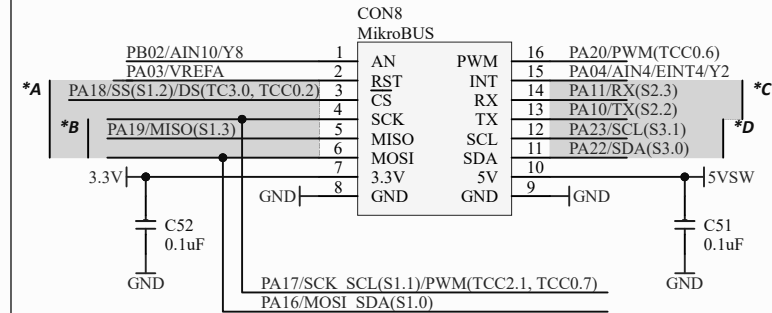


Monochrome OLED Display

1.3" OLED, SPI Interface, SSD1306 controller built-in

***A SECOM4, SPI (DOPO:0x01, DIPO:Don't care)**

***B Digital Output Mode for A0 signal**



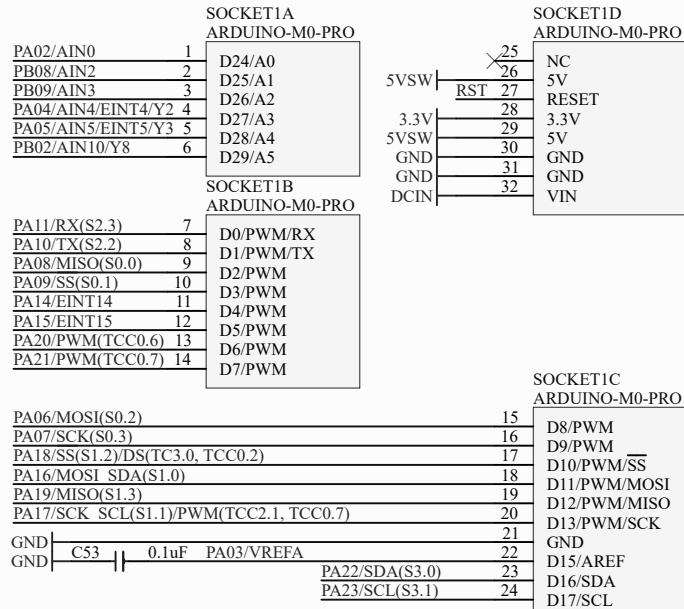
mikroBUS Shield

***A SECOM1, SPI (DOPO:0x00, DIPO:0x03)**

***B SECOM1, I2C (For G sensor(KXTJ3) alternately)**

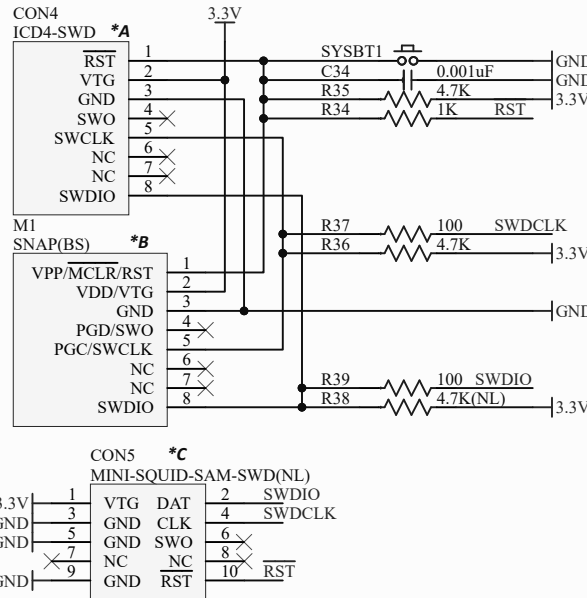
***C SECOM2, UART (TXPO:0x01, RXPO:0x03)**

***D SECOM3, I2C**



Arduino M0 Pro Shield

Arduino M0 Pro Shield is not fully compliant with Arduino UNO pinout.



Programmer/Debugger Interface

***A 8-Pin(SIP), 100mils, SWD interface for ICD4/PICKit4**

***B 8-Pin(SIP, 90°), 100mils, Built-In, SWD interface for SNAP (optional)**

***C 10-Pin(DIP), 50mils, SWD interface for Amtel ICE**

Title		
APP045 SAMD21 EVM Board 4/4		
Size	Number	Revision
A4		ES.d v4.20
Date:	5/04/2021	Sheet of
File:	D:\[Design]\APP045 v4.20 ES.d - 4.Sch	Drawn By: Adam Syu