

P/N: SAMM-<MCU CODE>-<PERIPHERAL CODE>

All P/Ns:

SAMM-75	SAMM-76	SAMM-77	<NONE>
SAMM-75-T	SAMM-76-T	SAMM-77-T	No Flash, No RTCC, No Temperature Sensor
SAMM-75-R	SAMM-76-R	SAMM-77-R	No Flash, No RTCC, Temperature Sensor
SAMM-75-RT	SAMM-76-RT	SAMM-77-RT	No Flash, RTCC, No Temperature Sensor
SAMM-75-F	SAMM-76-F	SAMM-77-F	No Flash, RTCC, Temperature Sensor
SAMM-75-FT	SAMM-76-FT	SAMM-77-FT	Flash, No RTCC, No Temperature Sensor
SAMM-75-FR	SAMM-76-FR	SAMM-77-FR	Flash, No RTCC, Temperature Sensor
SAMM-75-FRT	SAMM-76-FRT	SAMM-77-FRT	Flash, RTCC, No Temperature Sensor
			Flash, RTCC, Temperature Sensor

DESIGN TITLE: SAMM-75/6/7-F|R|T



Power & Programmer

BY: SAMPI Dev Kit

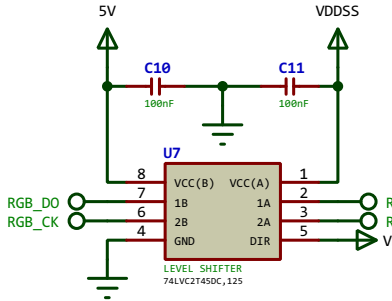
DATE: Fri, 24.12.2021

PAGE: 1 of 3

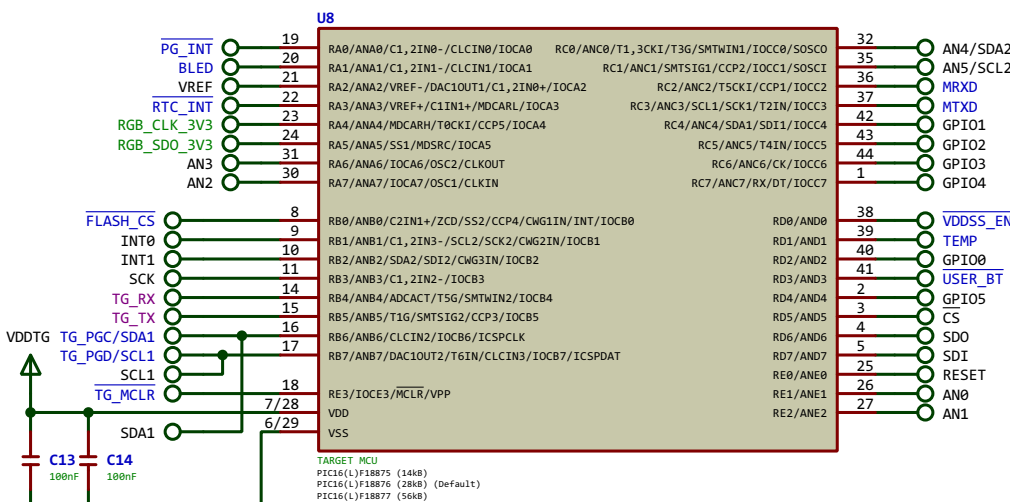
TIME: 22:48:43

REV: 2.4

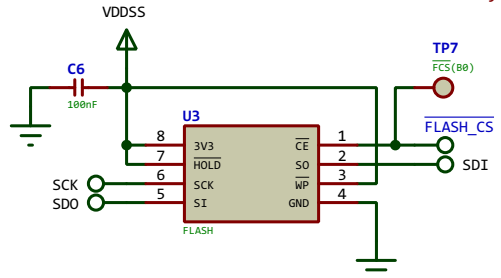
Level Shifter for Addressable RGB LED



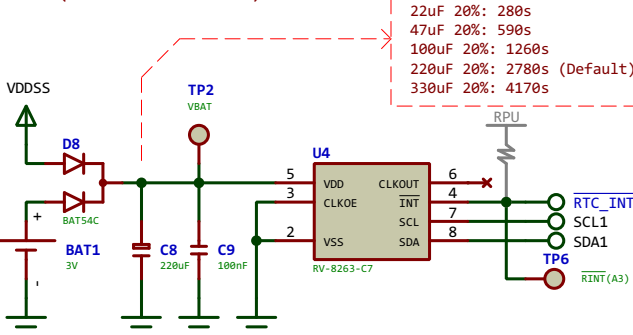
TARGET MCU



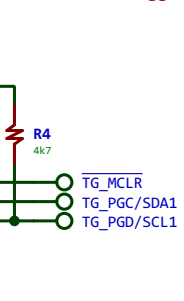
Flash Memory



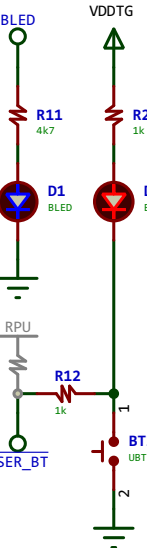
RTCC (Slave Address: 51H)



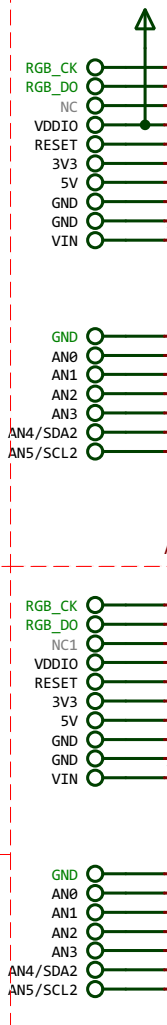
External Debugger



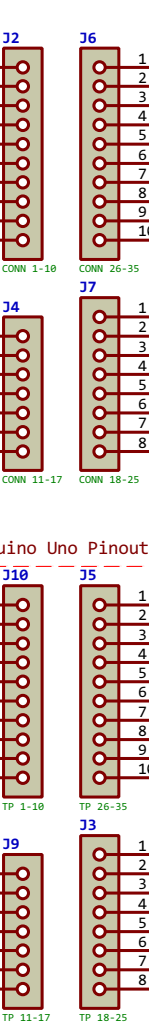
Button & LEDs



Arduino Uno Pinout



Test Pins



DESIGN TITLE: SAMM-75/6/7-F|R|T



BY: SAMPI Dev Kit

DATE:

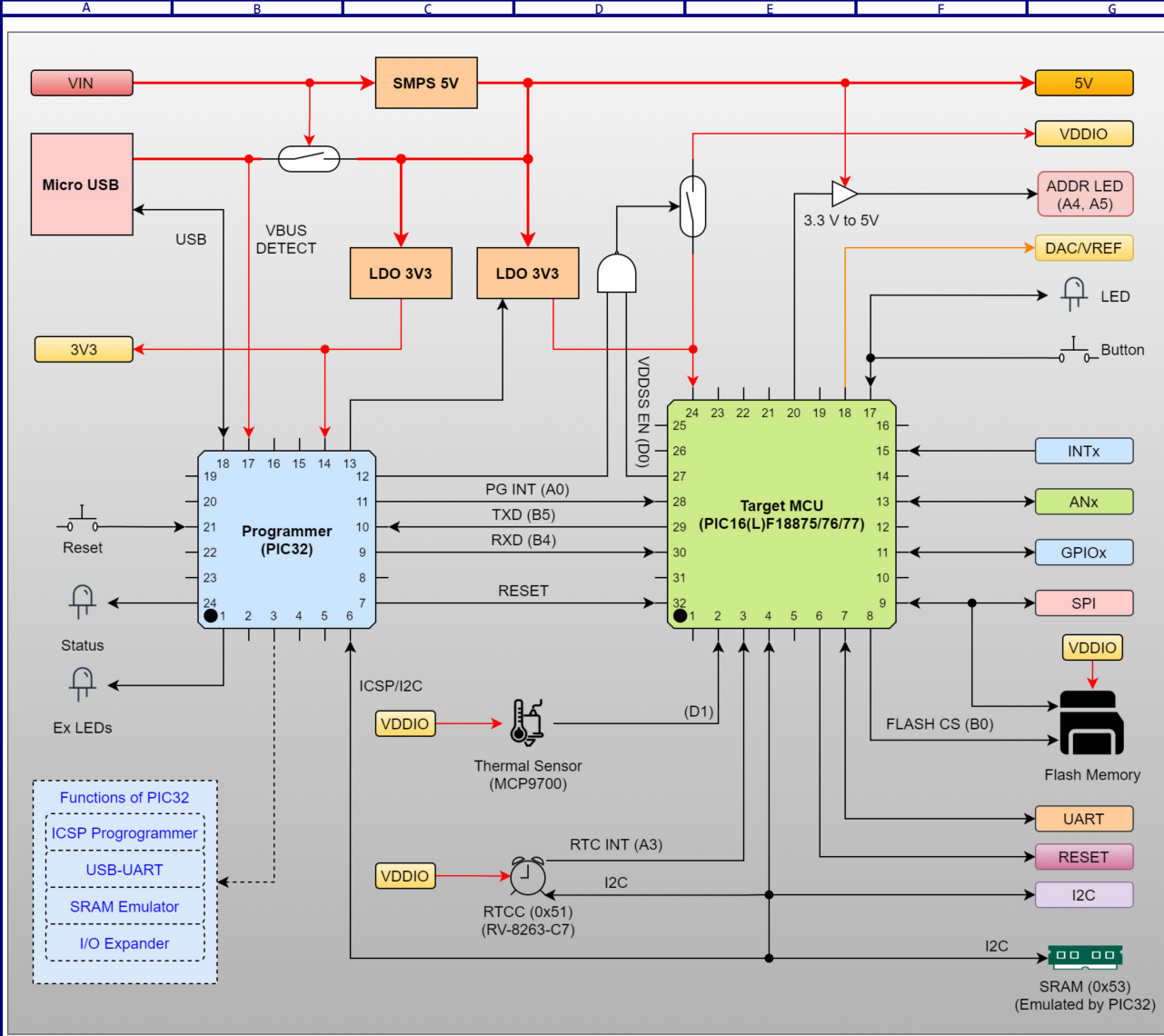
Fri, 24.12.2021

PAGE:

2 of 3

TIME: 22:48:43

REV: 2.4



ARDUINO PCB FORM	
1 LCK/A4 (5V)	B7/SCL 35
2 LDO/A5 (5V)	B6/SDA 34
3 RFU	A2/DAC/VREF 33
4 VDDIO	GND 32
5 RESET/E0	B3/SCK 31
6 3V3	D7/SDI 30
7 5V	D6/SDO 29
8 GND	D5/CS 28
9 GND	D4/GPIO5 27
10 VIN	C7/GPIO4 26
11 GND	C6/GPIO3 25
12 SAN0/E1	C5/GPIO2 24
13 SAN1/E2	C4/GPIO1 23
14 SAN2/A7	D2/GPIO0 22
15 SAN3/A6	B2/INT1 21
16 SAN4/SDA/C0	B1/INT0 20
	C3/TXD 19
	C2/RXD 18