

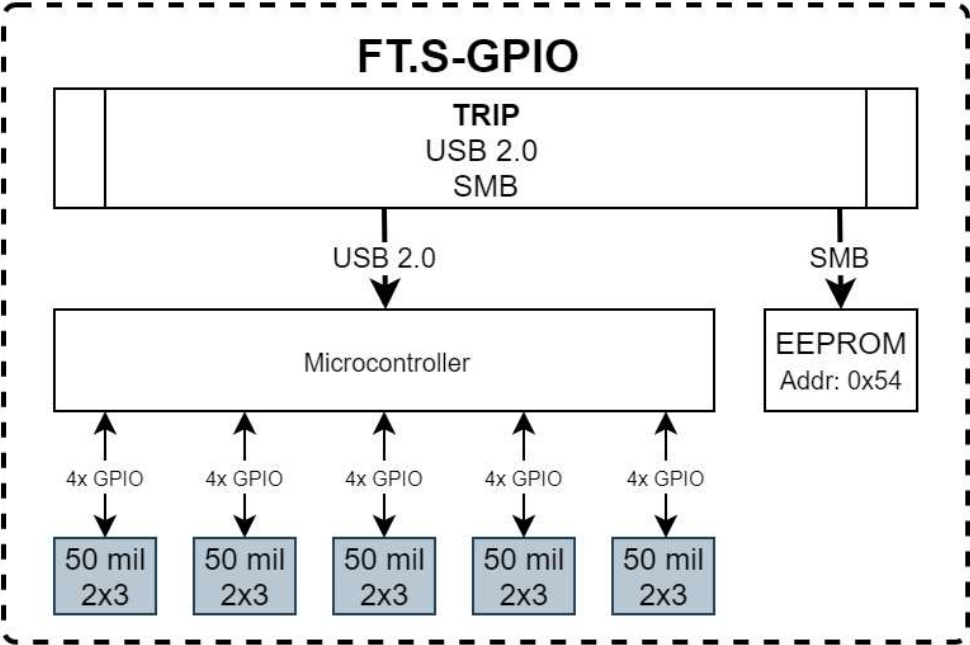
INDEX

PAGE	DESCRIPTION
01	Index
02	TRIP connector, EEPROM
03	MCU, POWER, HEADERS
04	ISOLATION

BOARD REVISION HISTORY

BOARD REVISION: 1.0

- INITIAL REVISION



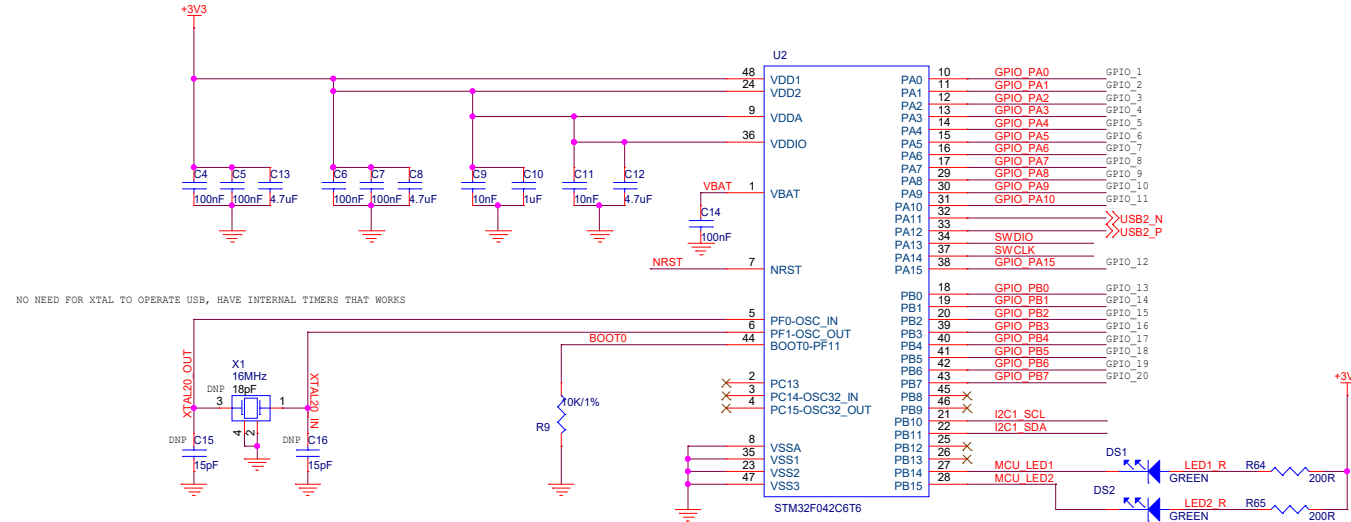
BOM ITEMS, NOT IN PCB

PCB1 PCB, FT.S-GPIO Rev 1.0 P/N = 374F08P08C 8x8mm x 3 Barcode	LBL1 P/N = 188Z10030	ZZ1 PARSER_VERSION_1.0	M1 Mech part, Ribbon Latch, Base, Yellow P/N = 290E010010
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Yokneam Illit, Israel 2069208
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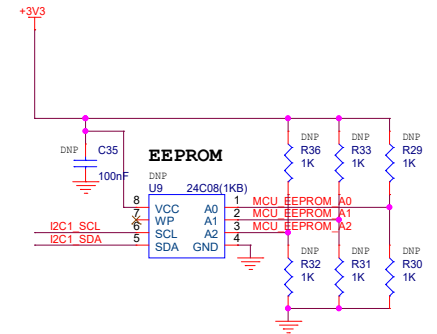
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Document Number: <Doc>		
Date: Sunday, April 19, 2020	Sheet 1 of 4	

MCU STM32F042C6T6

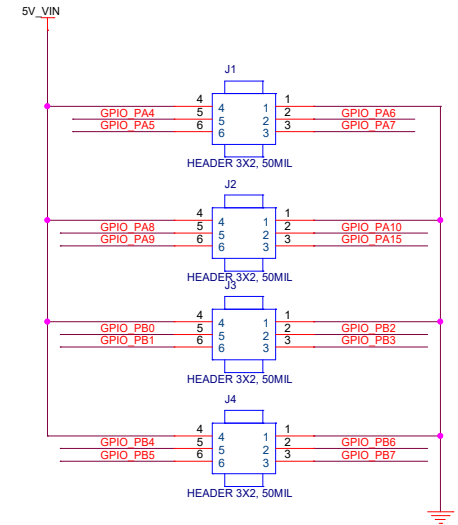


MCU EEPROM

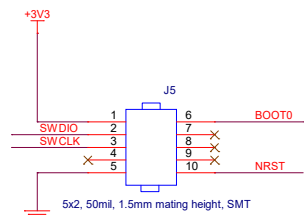
ADDED AS PROVISION TO ADD OPTION FOR STORING THE GPIOs STATE AFTER REBOOT



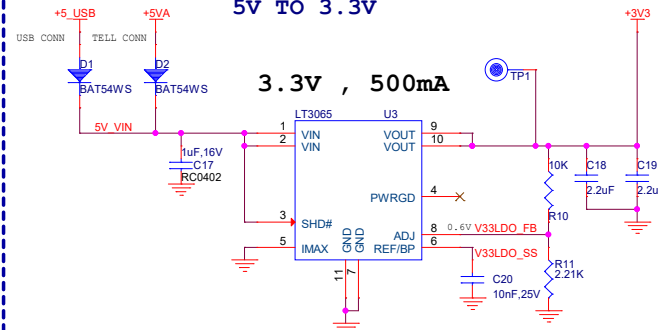
TO FT.V-TERM4



DEBUG CONNECTOR

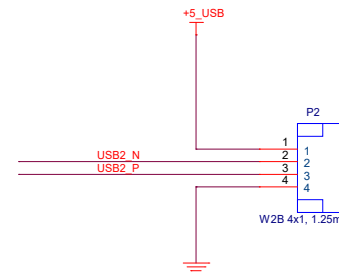


5V TO 3.3V



Using +5VA as a source or optionally source the tell via USB connector

USB CONNECTOR



ON BOARD ISOLATION GPIO

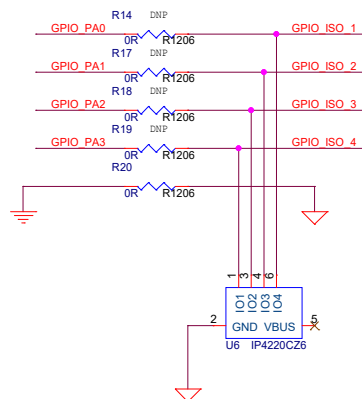


GPIO

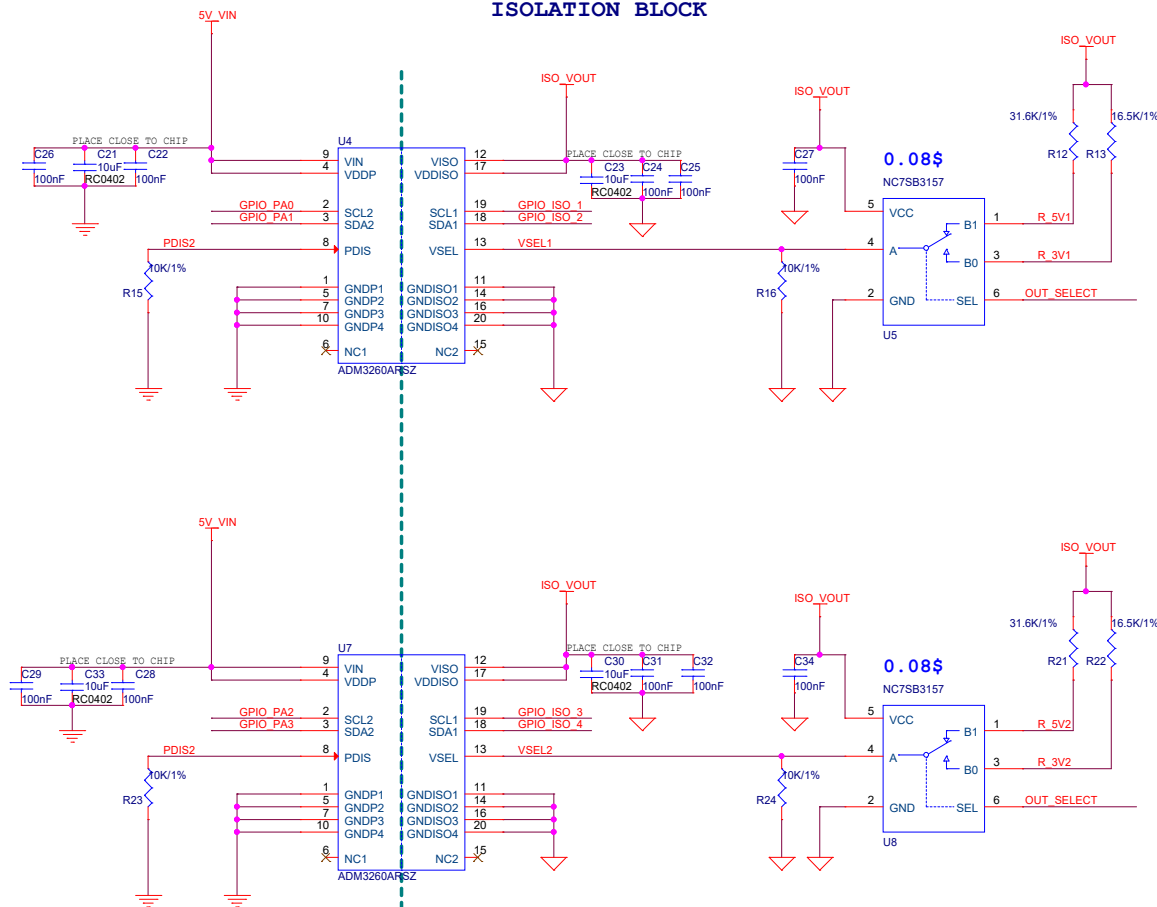
GPIO_PA0
GPIO_PA1
GPIO_PA2
GPIO_PA3

ISOLATION BYPASS

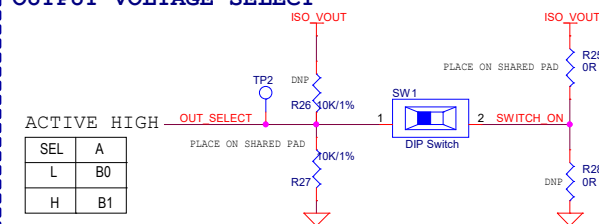
ASSEMBLE ONLY WHEN ISOLATION BLOCK NOT ASSEMBLED



ISOLATION BLOCK

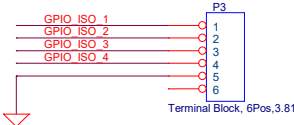


OUTPUT VOLTAGE SELECT



TERMINAL BLOCK

PLACE HOLDER. CONNECTOR WILL CHANGE



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