

5V_USB

PCM12SMTR

NC

COM

NO

1

2

3

5V_ON

1

2

F101

MF-NSML300/6-2

5.0V

S101

USB Power IN

System Power

Equivalent Circuit

Slide the switch to power on

Remove to connect Ammeter for current testing

5.0V

1 2 3

C106 1uF

GND

IC102 RT9193-33GB

VIN GND EN VOUT BP

5 4

TP2

LDO_3V3

C105 22nF

C104 1uF

GND

R105 1206

0E

3.3V

R104 4.7K

LED102 RED

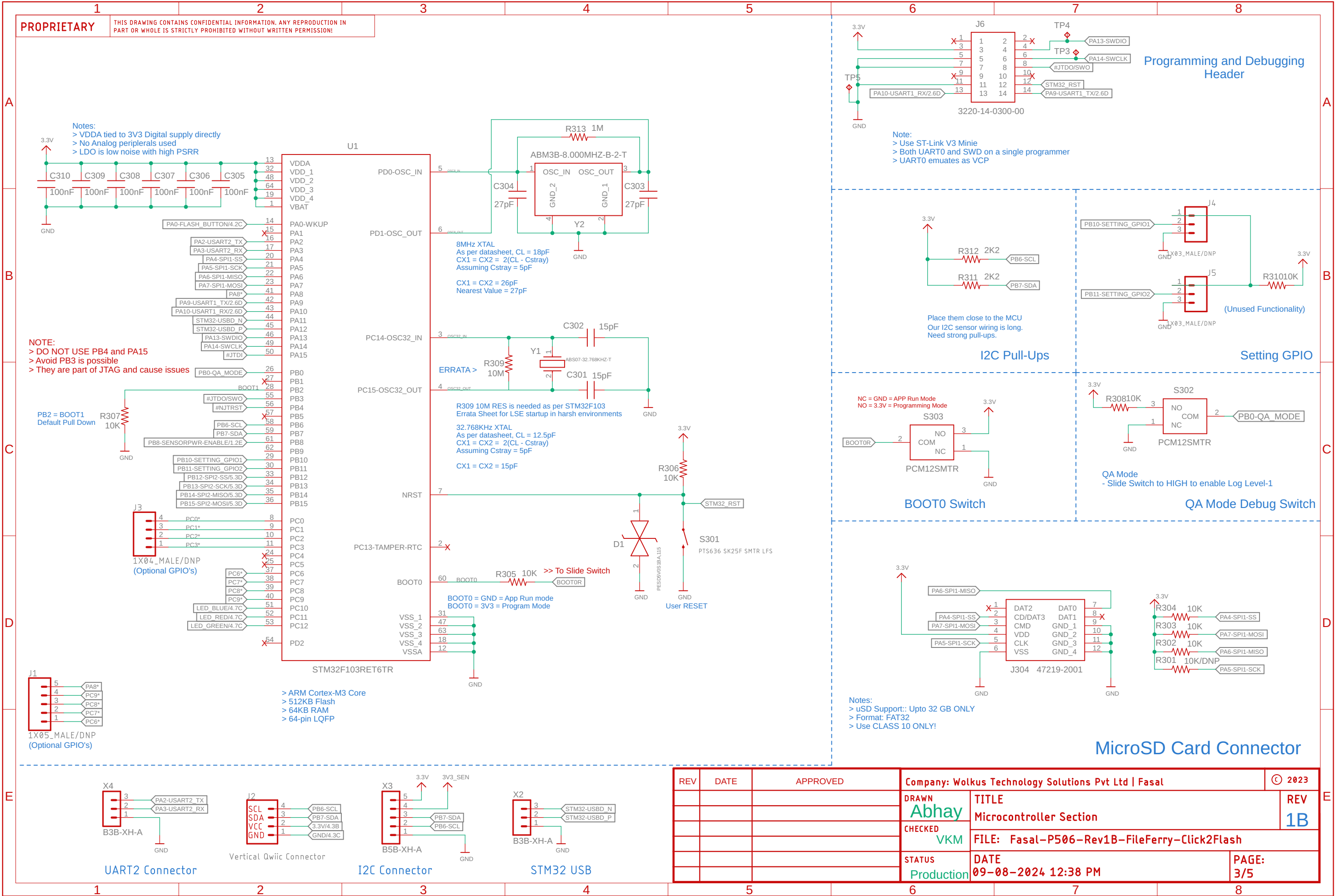
GND

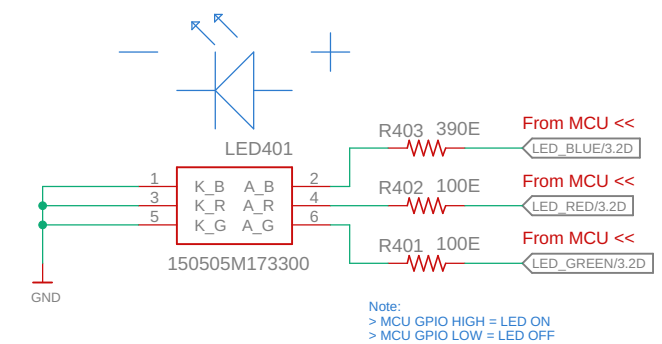
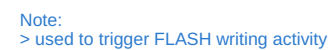
Diagram showing two test points, TP6 and TP7, connected to ground (GND) with a 5004 ohm resistor in series.

REV	DATE	APPROVED	Company: Wolkus Technology Solutions Pvt Ltd Fasal		© 2023
			DRAWN Abhay	TITLE Power Supply Section – Control & Regulation	REV
					1B
			CHECKED VKM	FILE: Fasal–P506–Rev1B–FileFerry–Click2Flash	
			STATUS Production	DATE 09–08–2024 12:38 PM	PAGE: 1/5

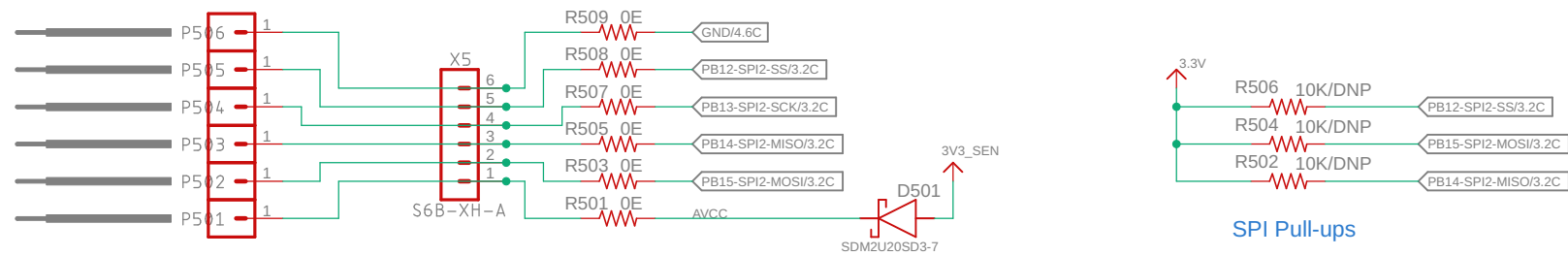


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			DRAWN Abhay	TITLE USB-TTL Section	REV 1B
			CHECKED VKM	FILE: Fasal-P506-Rev1B-FileFerry-Click2Flash	
			STATUS Production	DATE 09-08-2024 12:38 PM	PAGE: 2/5





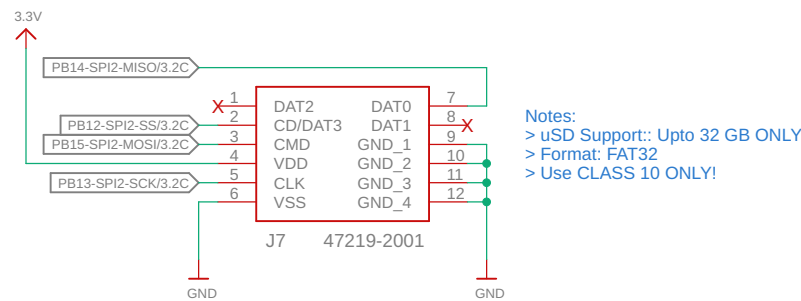
REV	DATE	APPROVED	Company: Wolkus Technology Solutions Pvt Ltd Fasal		© 2023
			DRAWN Abhay	TITLE User Button & LED	REV 1B
			CHECKED VKM	FILE: Fasal-P506-Rev1B-FileFerry-Click2Flash	
			STATUS Production	DATE 09-08-2024 12:38 PM	PAGE: 4/5



Connector for External SPI Flash

Note:
> Using a blocking diode on the 3V3_SEN line to prevent any shorts on the DUT to affect Jig

External SPI Slave on SPI2



ONLY FOR TESTING.
Will not be used in Production.

Optional Micro SD Card Holder on SPI2

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			DRAWN Abhay	TITLE External SPI Slave	REV 1B
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			STATUS Production	DATE 09-08-2024 12:38 PM	PAGE: 5/5