
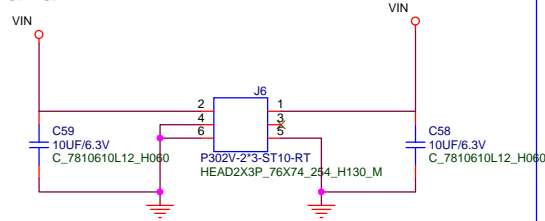


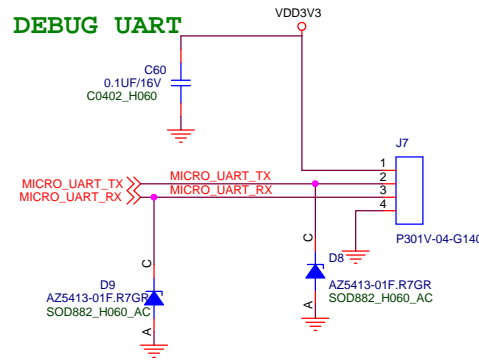
RHAB-R38

<div>  Proprietary & Confidential </div>				
Title				
Block diagram				
Size	Model Name	Part Number	Author	Rev
	RHAB-R38	48.RHABR38.SGA	HAM.HUANG	SGA
Date: Tuesday, September 10, 2019				
Sheet 1 of 5				

PWR board in



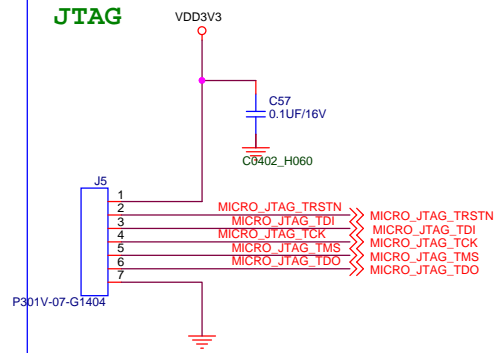
STM32 DEBUG UART



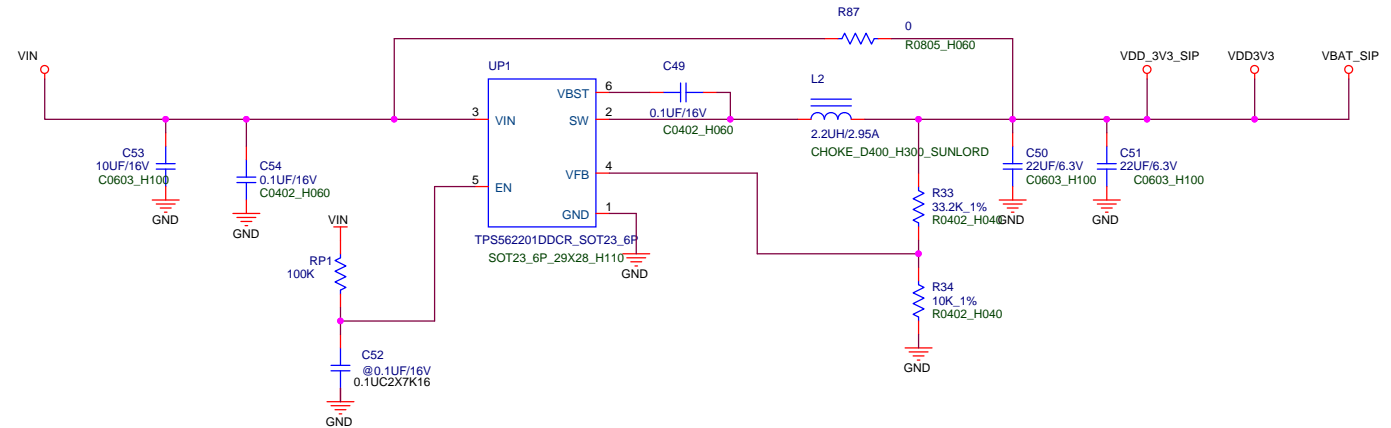
MICRO_JTAG_TDO	1	TP42	TP30MIL
MICRO_JTAG_TDI	1	TP41	TP30MIL
MICRO_JTAG_TCK	1	TP28	TP30MIL
MICRO_JTAG_TMS	1	TP29	TP30MIL
MICRO_JTAG_TRSTN	1	TP30	TP30MIL
MICRO_UART_TX	1	TP31	TP30MIL
MICRO_UART_RX	1	TP32	TP30MIL

Test Pad

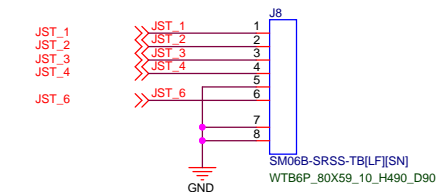
JTAG



DC-DC



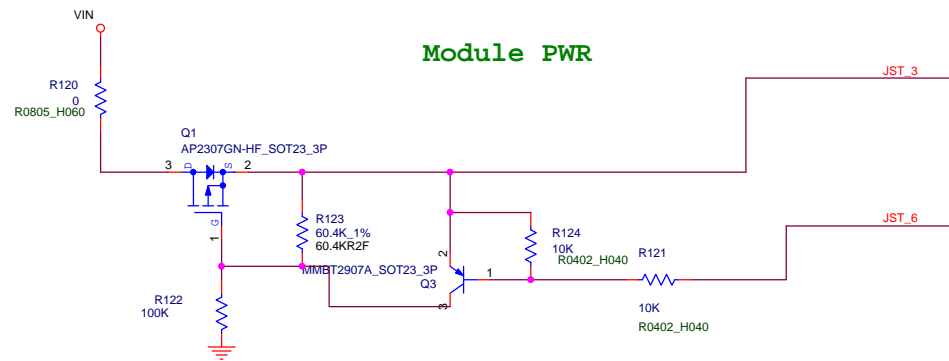
JST_Connector



JST_1	JST_1	1	TP36	TP30MIL
JST_2	JST_2	1	TP35	TP30MIL
JST_3	JST_3	1	TP37	TP30MIL
JST_4	JST_4	1	TP38	TP30MIL
JST_6	JST_6	1	TP40	TP30MIL

Test Pad

Module PWR

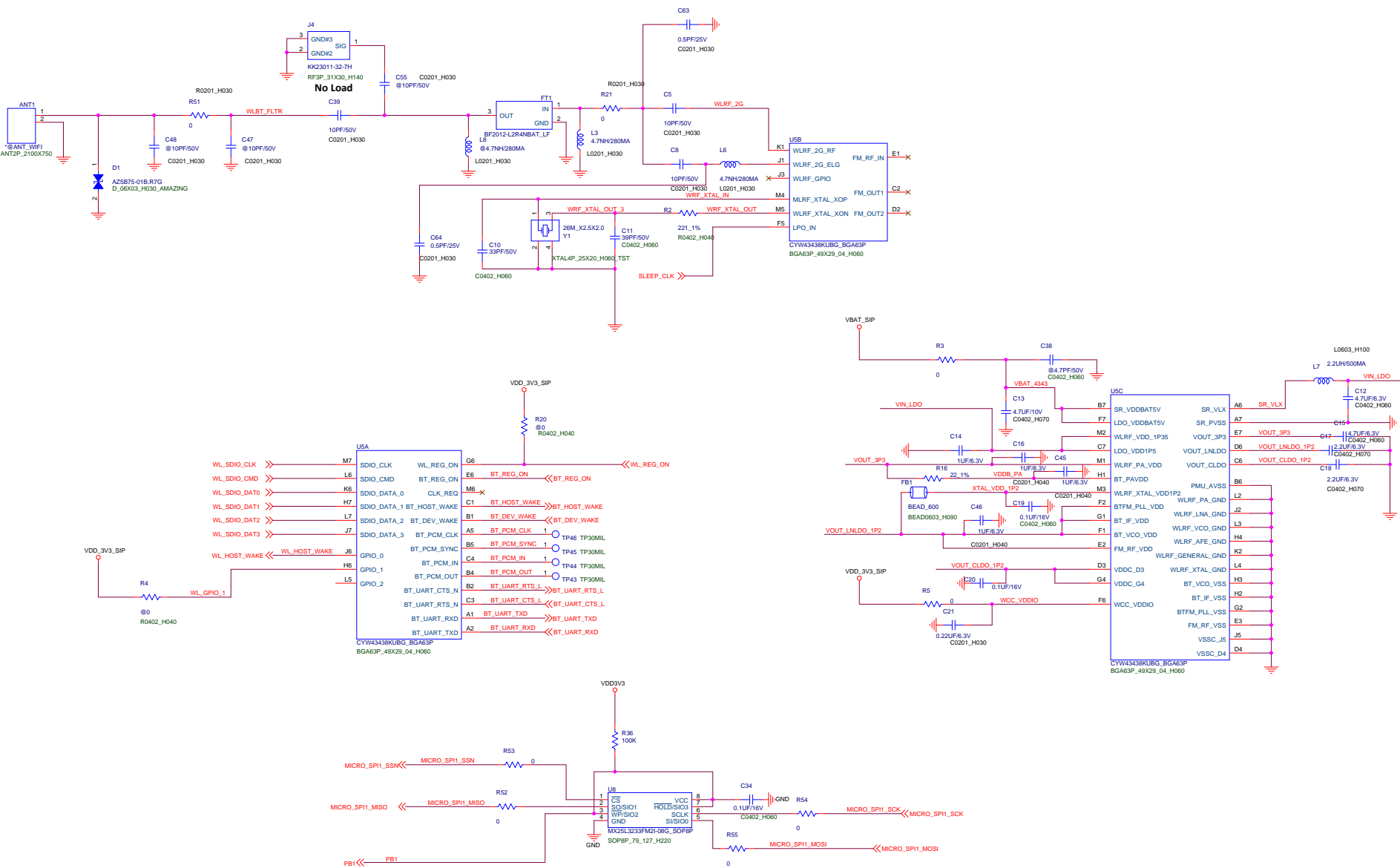


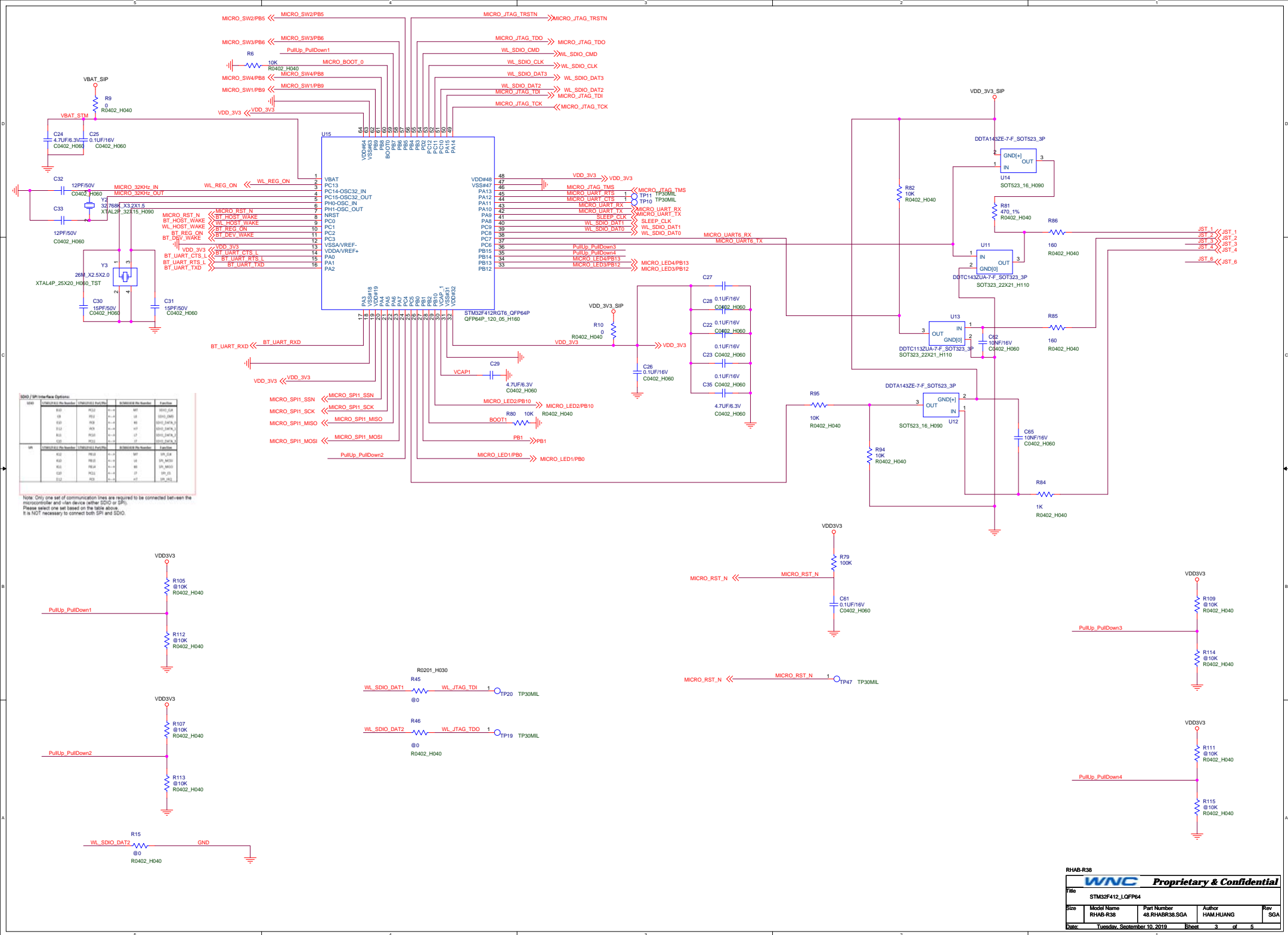
Assembly

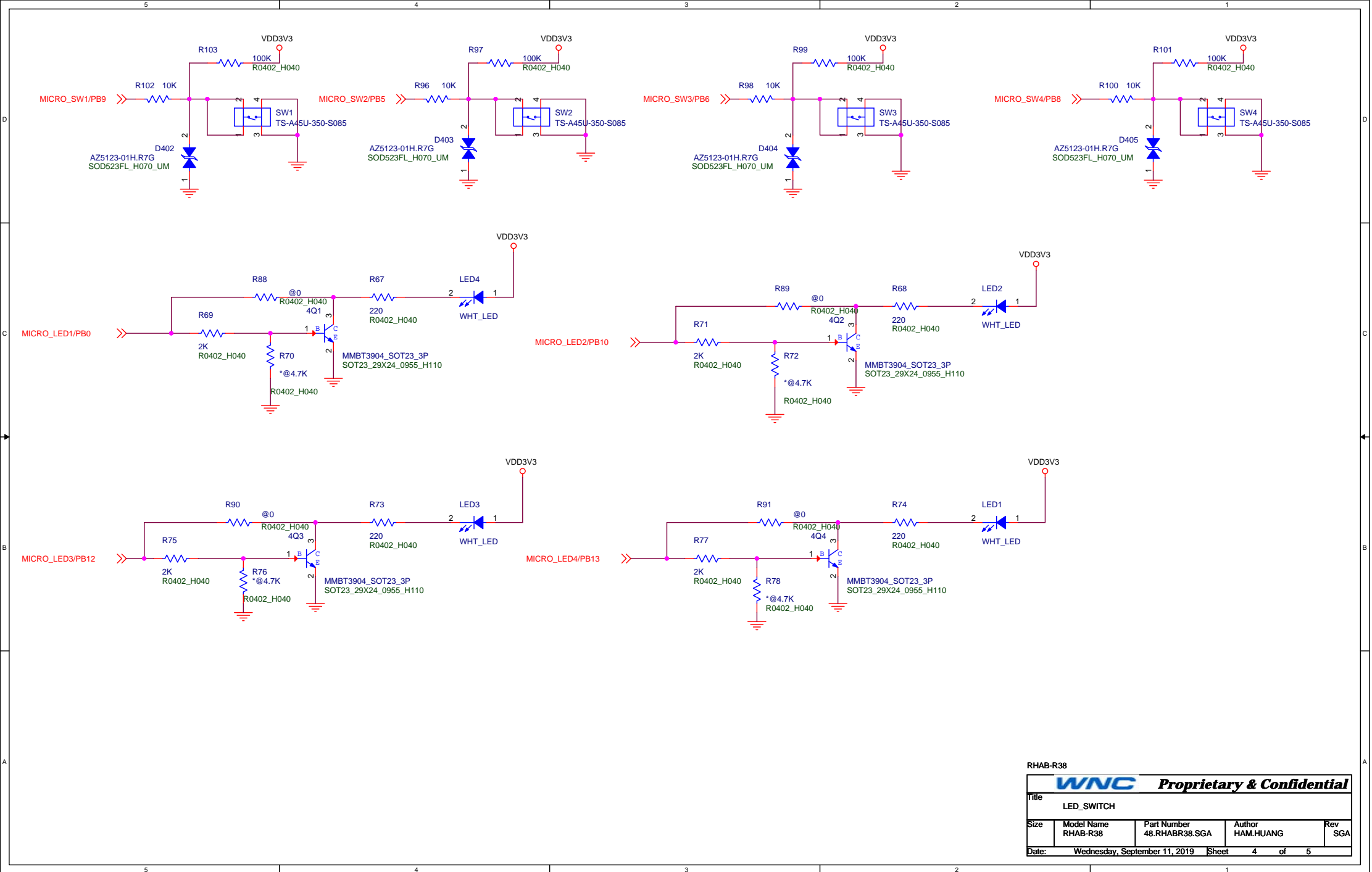
- SH1 shield_184x052d_214x082sm
- SH2 shield_184x052d_214x082sm

<Variant Name>

WNC Proprietary & Confidential				
Title	<Title>			
Size	Model Name	Part Number	Author	Rev
A3	<Doc>	<Part Number>	<Author>	<RevCode>
Date:	Tuesday, September 10, 2019	Sheet	1	of 1







RHAB-R38				
WNC Proprietary & Confidential				
Title LED_SWITCH				
Size	Model Name RHAB-R38	Part Number 48.RHABR38.SGA	Author HAM.HUANG	Rev SGA
Date:	Wednesday, September 11, 2019		Sheet	4 of 5

REVISION HISTORY				
DATE	REVISION NUMBER	ENGINEER	PAGE NUMBER	Change Item
2019/07/05	SGA	HAM HUANG	Page 00/05	Draft version , Block Digram and History updated
2019/07/08	0708.SGA	HAM HUANG	Page 02	RF path LC size to 0201, L7 turn to 0603
2019/07/09	0709.SGA	HAM HUANG	Page 02	lumped components size adjustment, J5 J7 connector size adjustment
2019/07/10	0710.SGA	HAM HUANG	Page 03	lumped components size adjustment, UART BJT added
2019/07/11	0711.SGA	HAM HUANG	Page 01/03/04	LED power and BJT loaction, add 01 page to seperate adapter and module
2019/07/15	0715.SGA	HAM HUANG	N/A	BOM part adjustment
2019/07/17	0717.SGA	HAM HUANG	Page 03	UART trace modified (Pin4), SW and LED update
2019/07/18	0718.SGA	HAM HUANG	Page 03	Pull up /Pull down resistor add into net
2019/07/19	0719.SGA	HAM HUANG	Page 03	R103 typo
2019/07/30	0730.SGA	HAM HUANG	Page 03	Remove GPIO/SPI trace
2019/08/01	0801.SGA	Zach Liao	Page 01	Add inverter on JST_6 pin
2019/08/06	0801.SGA	Zach Liao	Page 01	Change inverter to load switch on JST_6 pin
2019/08/15	0815.SGA	HAM HUANG	Page 02	change 2.4G BPF
2019/08/20	0820.SGA	HAM HUANG	Page 01	change JTAG/UART connector footprint
2019/08/20	0820.SGA	HAM HUANG	Page 01	LED1/4 Change , STM_7pin add test pad

RHAB-R38				
<div><div>WNC</div><div>Proprietary & Confidential</div></div>				
Title History				
Size	Model Name	Part Number	Author	Rev
	RHAB-R38	48.RHABR38.SGA	HAM.HUANG	SGA
Date:		Tuesday, September 10, 2019	Sheet	5 of 5