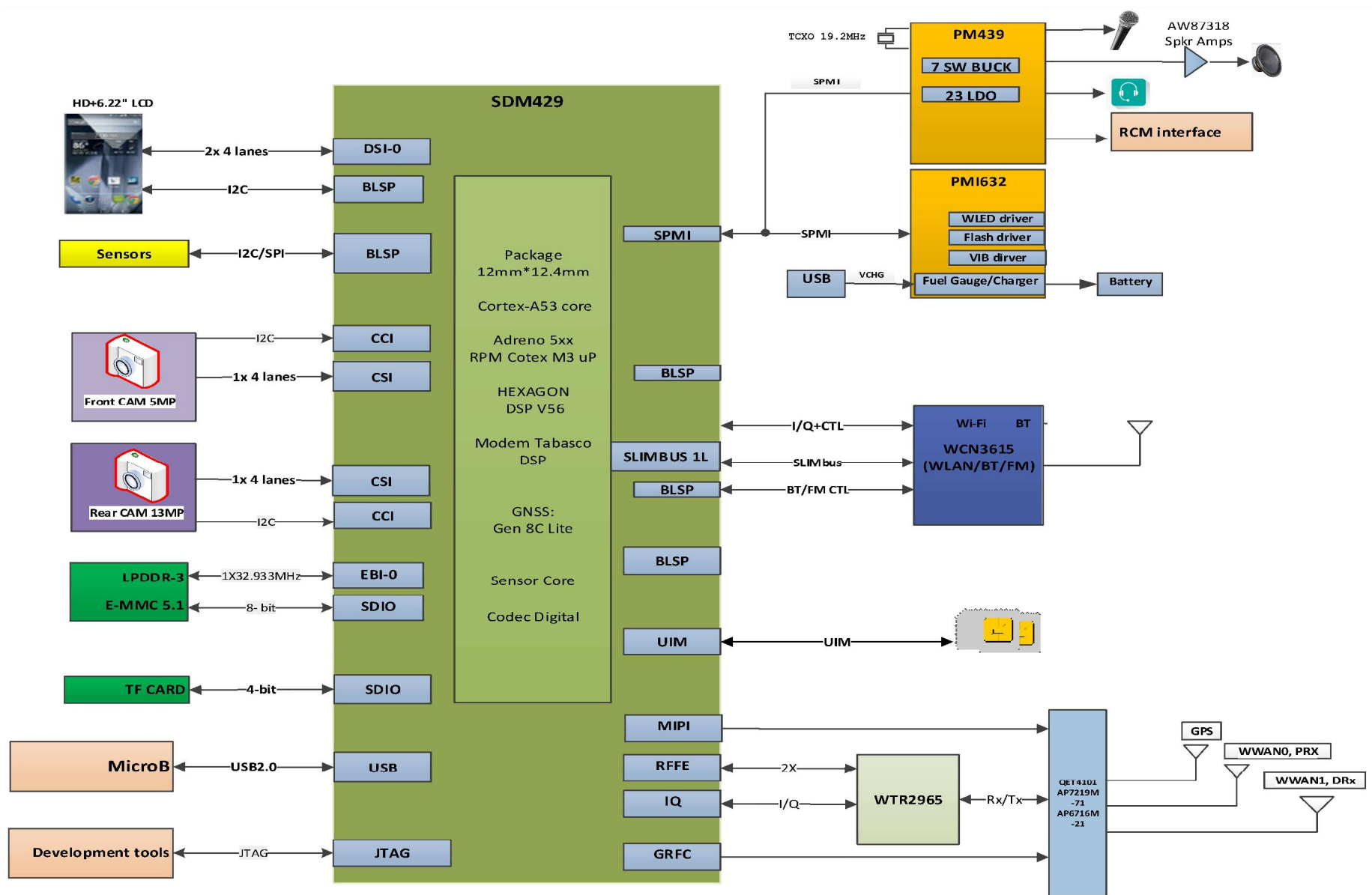
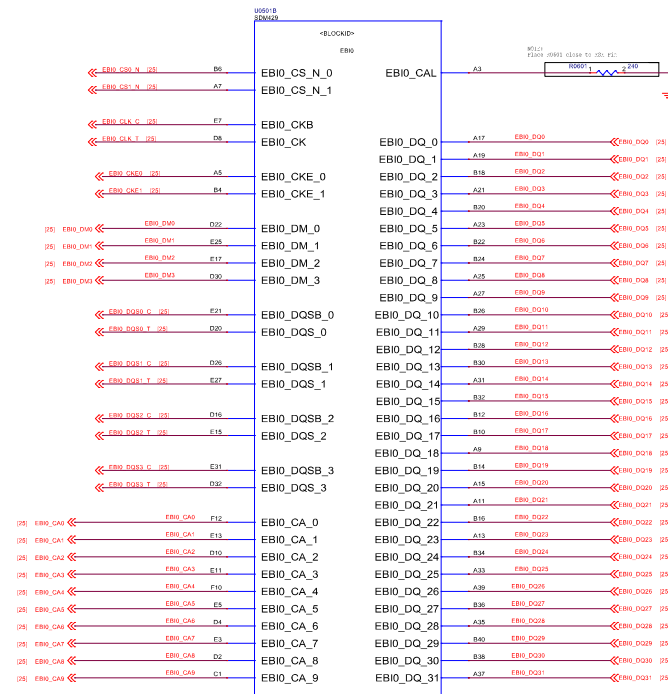


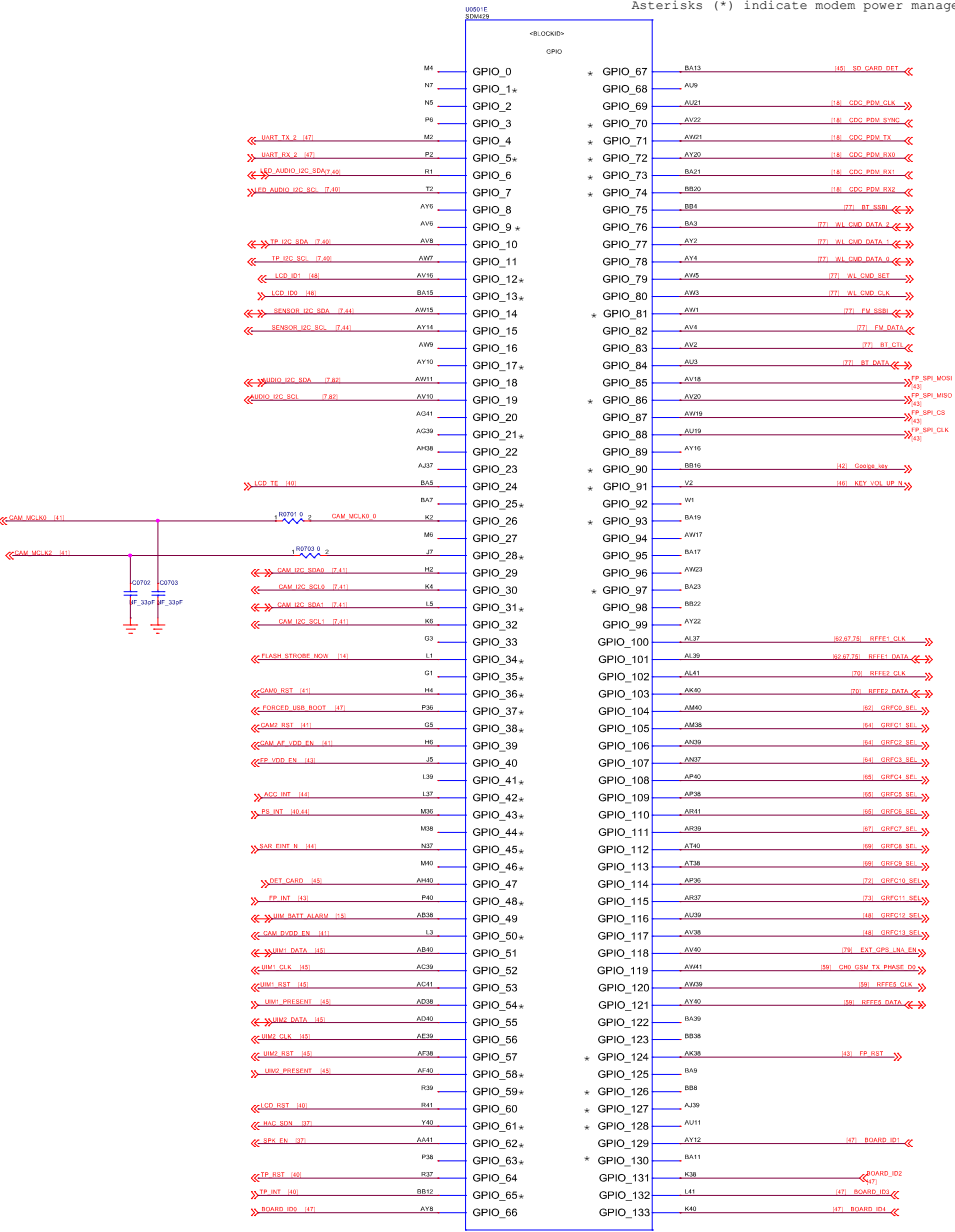


Block Diagram

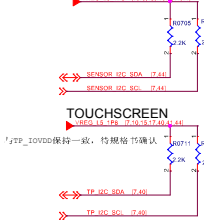


SDM429 EBI

NOTE:
Asterisks (*) indicate modem power management (MPM) wake-up pins

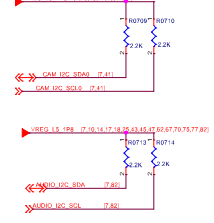


SENSORS

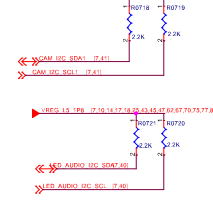


I2C PULL-UP RESISTORS

CAMERAS



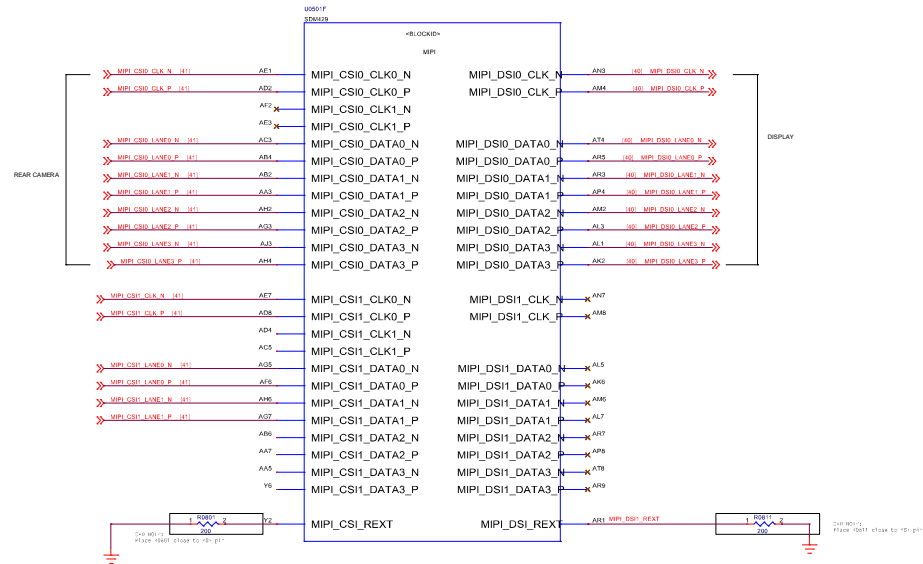
VIDEO CAMERAS



NOTE:
Ensure SW sets these GPIOs (Sensor, CTP and Camera I2C bus) to inout pull down when the peripherals are powered off to eliminate leakage.

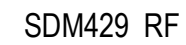
GPIO_0	GPIO_1
GPIO_1	GPIO_2
GPIO_2	GPIO_3
GPIO_3	GPIO_4
GPIO_4	GPIO_5
GPIO_5	GPIO_6
GPIO_6	GPIO_7
GPIO_7	GPIO_8
GPIO_8	GPIO_9
GPIO_9	GPIO_10
GPIO_10	GPIO_11
GPIO_11	GPIO_12
GPIO_12	GPIO_13
GPIO_13	GPIO_14
GPIO_14	GPIO_15
GPIO_15	GPIO_16
GPIO_16	GPIO_17
GPIO_17	GPIO_18
GPIO_18	GPIO_19
GPIO_19	GPIO_20
GPIO_20	GPIO_21
GPIO_21	GPIO_22
GPIO_22	GPIO_23
GPIO_23	GPIO_24
GPIO_24	GPIO_25
GPIO_25	GPIO_26
GPIO_26	GPIO_27
GPIO_27	GPIO_28
GPIO_28	GPIO_29
GPIO_29	GPIO_30
GPIO_30	GPIO_31
GPIO_31	GPIO_32
GPIO_32	GPIO_33
GPIO_33	GPIO_34
GPIO_34	GPIO_35
GPIO_35	GPIO_36
GPIO_36	GPIO_37
GPIO_37	GPIO_38
GPIO_38	GPIO_39
GPIO_39	GPIO_40
GPIO_40	GPIO_41
GPIO_41	GPIO_42
GPIO_42	GPIO_43
GPIO_43	GPIO_44
GPIO_44	GPIO_45
GPIO_45	GPIO_46
GPIO_46	GPIO_47
GPIO_47	GPIO_48
GPIO_48	GPIO_49
GPIO_49	GPIO_50
GPIO_50	GPIO_51
GPIO_51	GPIO_52
GPIO_52	GPIO_53
GPIO_53	GPIO_54
GPIO_54	GPIO_55
GPIO_55	GPIO_56
GPIO_56	GPIO_57
GPIO_57	GPIO_58
GPIO_58	GPIO_59
GPIO_59	GPIO_60
GPIO_60	GPIO_61
GPIO_61	GPIO_62
GPIO_62	GPIO_63
GPIO_63	GPIO_64
GPIO_64	GPIO_65
GPIO_65	GPIO_66

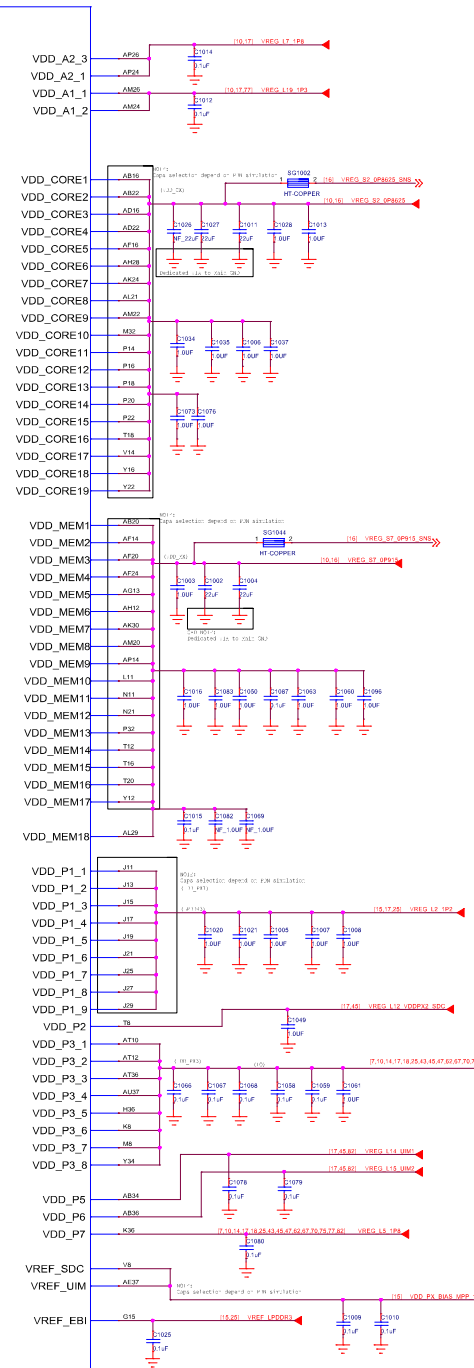
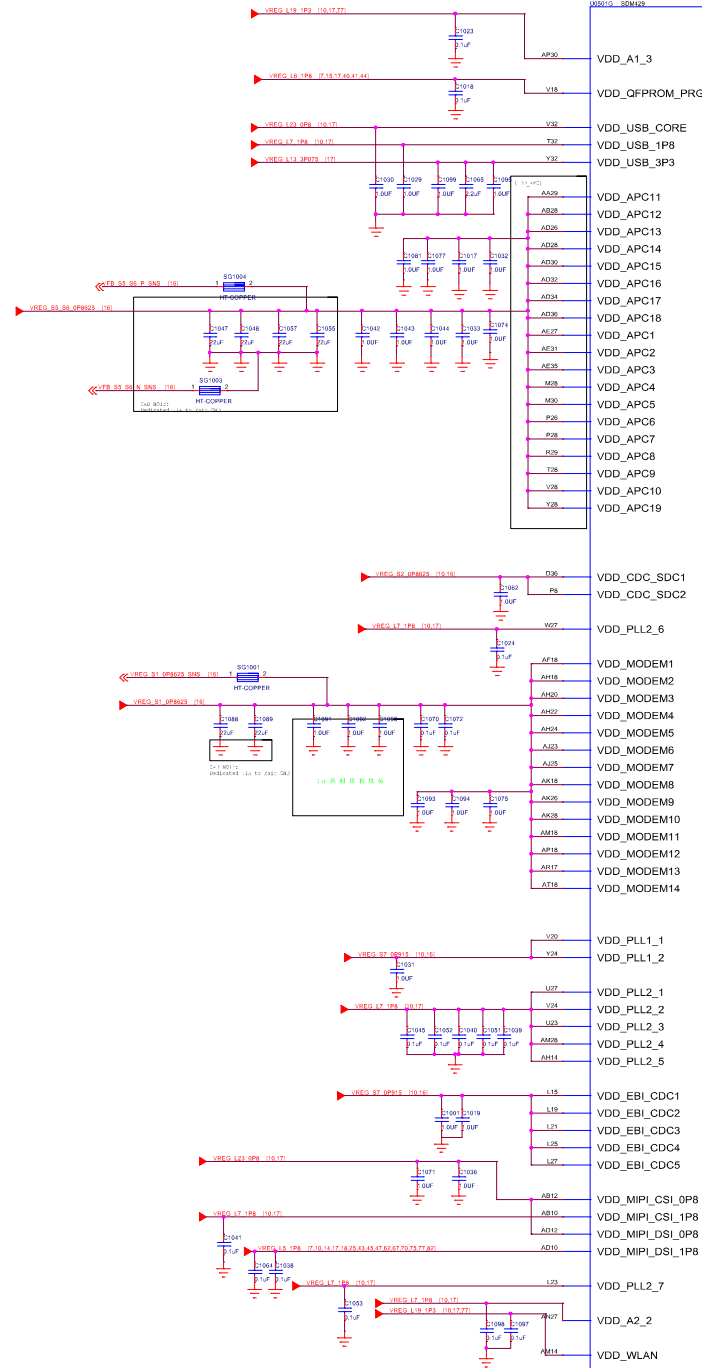
SDM429
GPIO



SDM429 MIPI

FILE	08.SDM429 MIPI	REV: V10
DOCUMENT NO.: 80626_1_12 BKUP_M01 TA1164	Size	D
DEPARTMENT: Wingtech-SZ	DESIGNER: DESIGNER	
Date: Monday, March 25, 2019	Sheet	6 of 62

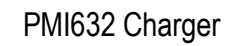




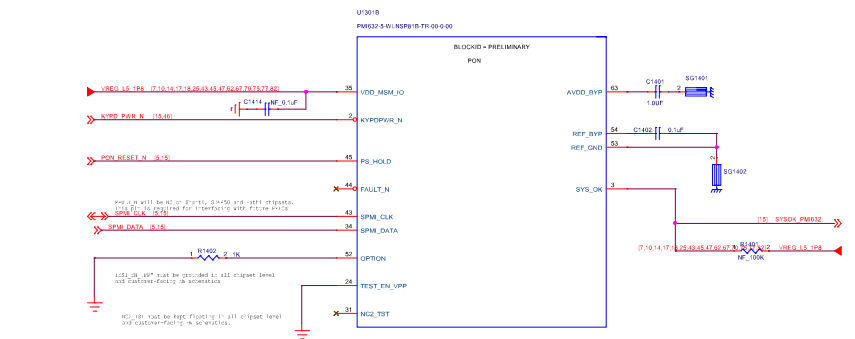
SDM429
POWER1

FILE	10.SDM429 POWER1	REV: V10
DOCUMENT NO.	80629_1_12 Bkup_M41 TA1164	Size D
DEPARTMENT:	Wingtech-S2	DESIGNER: DESIGNER
Date:	Monday, March 25, 2019	Sheet 10 of 22

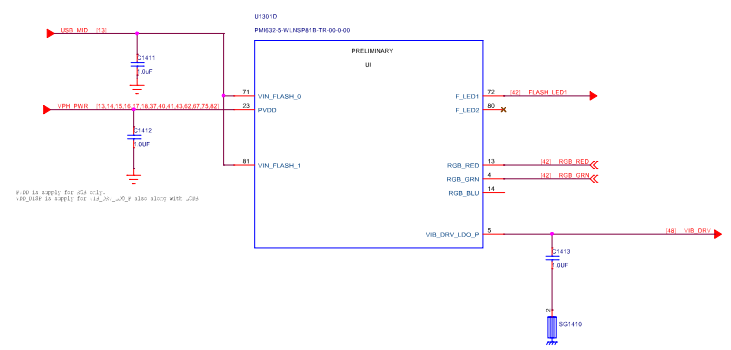
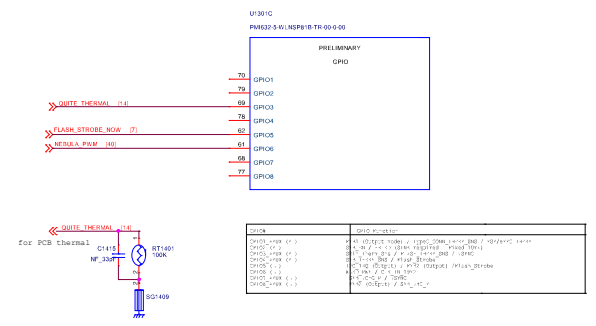
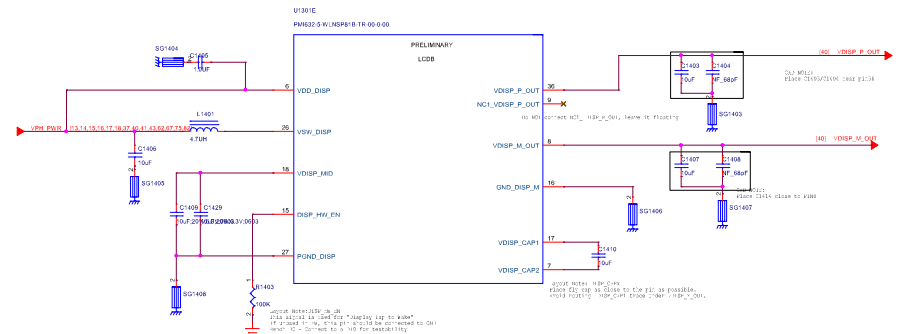




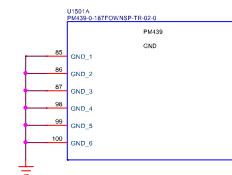
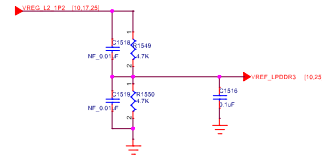
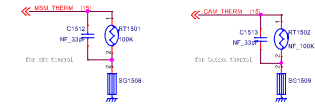
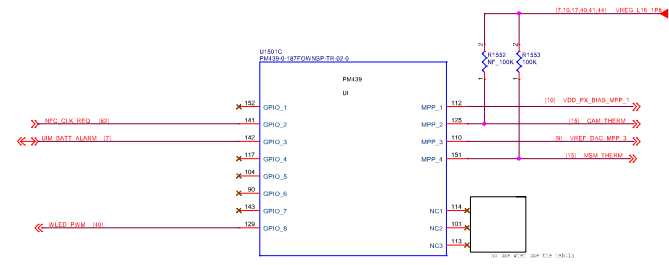
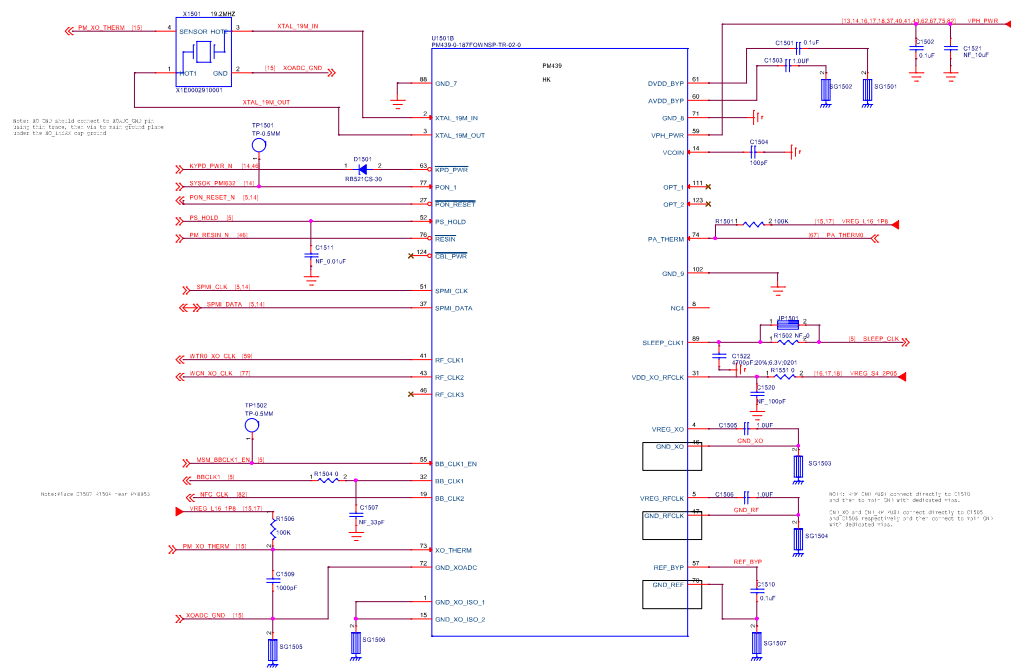
WINGTEC



Pin	Signal	Function
1	BMCLK	10k
2	PS_HOLD	10k
3	FAULT_N	10k
4	BPM_CLK	10k
5	BPM_DATA	10k
6	OPTION	10k
7	TEST_EN_VPP	10k
8	NC2_TST	10k

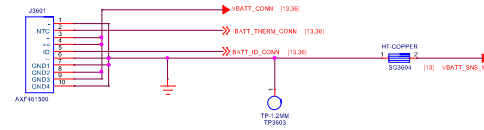


PMI632 Control/Interface

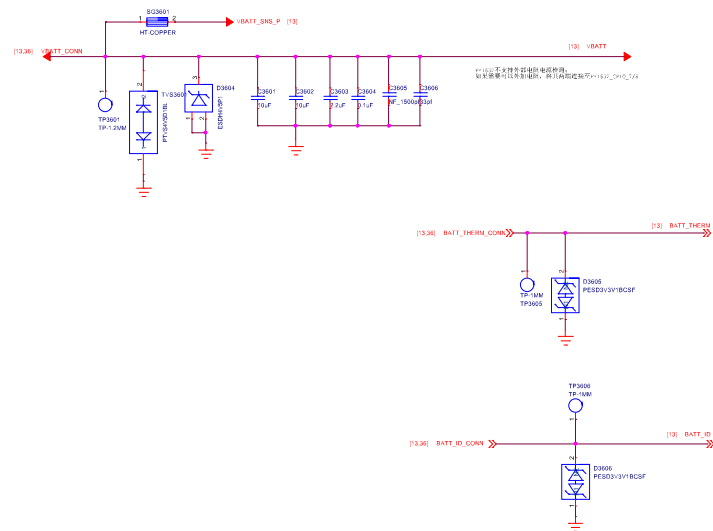
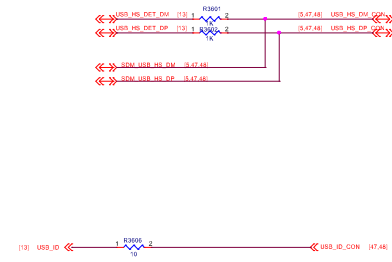


PM439 Control/Interface

Battery Connector



USB_IF

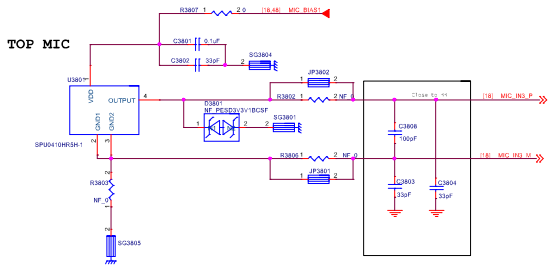


Battery/USB IF

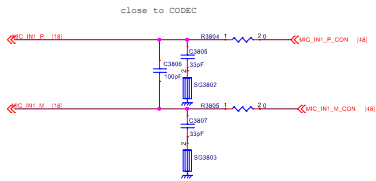
[illegible][illegible]

Title SPK/Receiver/Vibrator		REV: V10
DOCUMENT NO.: 80626_1_2 SKU1_M41 TA1164		Size D
DEPARTMENT: Wingtech-SZ		DESIGNER: DESIGNER
		
Date: Monday, March 25, 2019		Sheet 37 of 82

Mic2



Mic1



MIC

Title: 38.MIC		REV: V10
DOCUMENT NO.: B0626_1_12 BKUP_HA1 TA1164		Size D
DEPARTMENT: Wingtech-SZ	DESIGNER: DESIGNER	
Date: Monday, March 25, 2019		Sheet 58 of 62