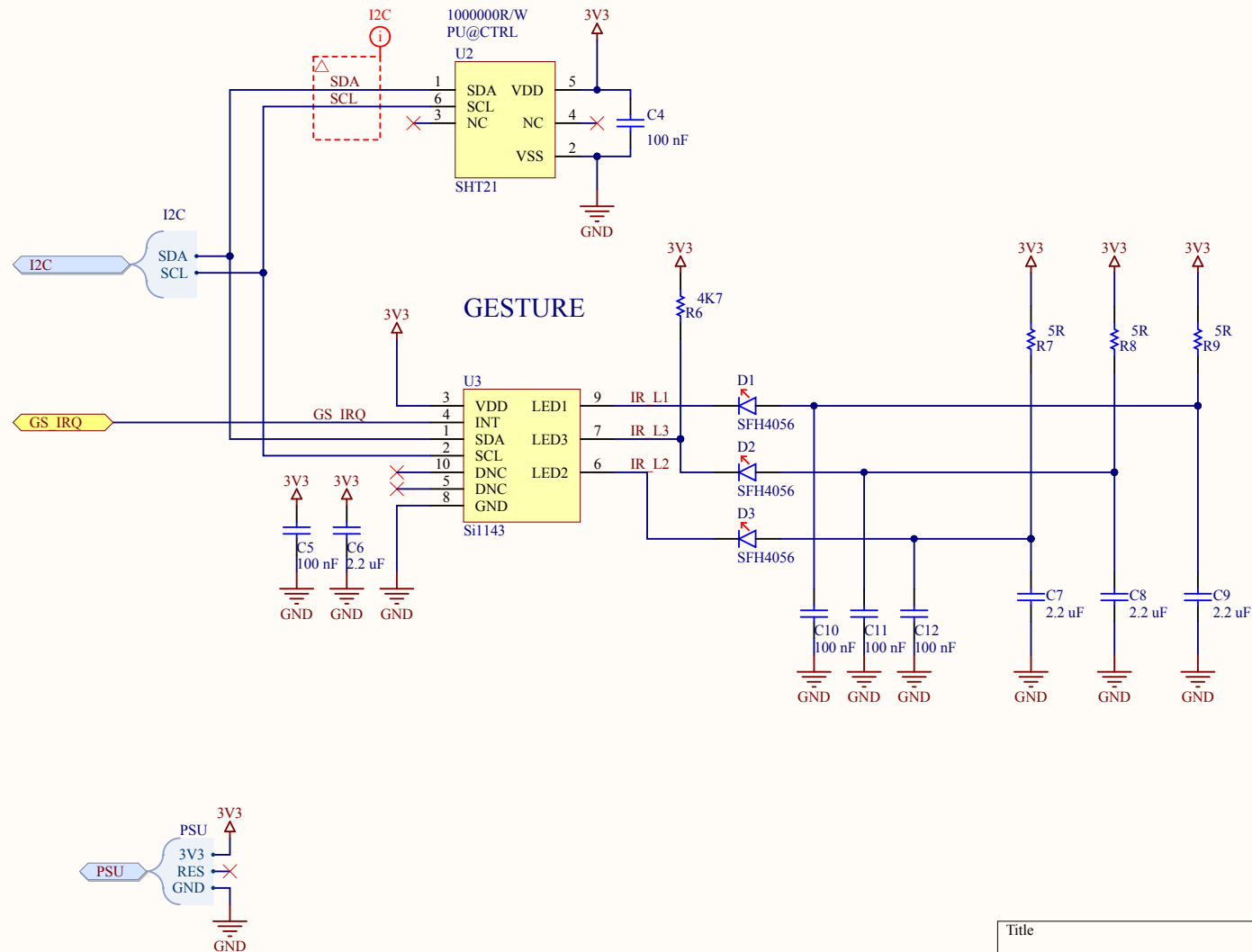


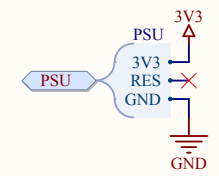
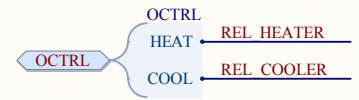
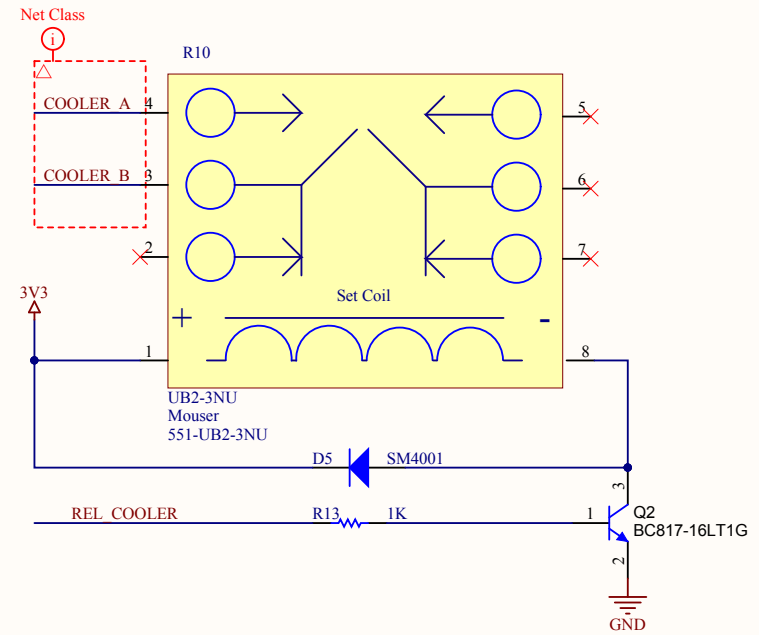
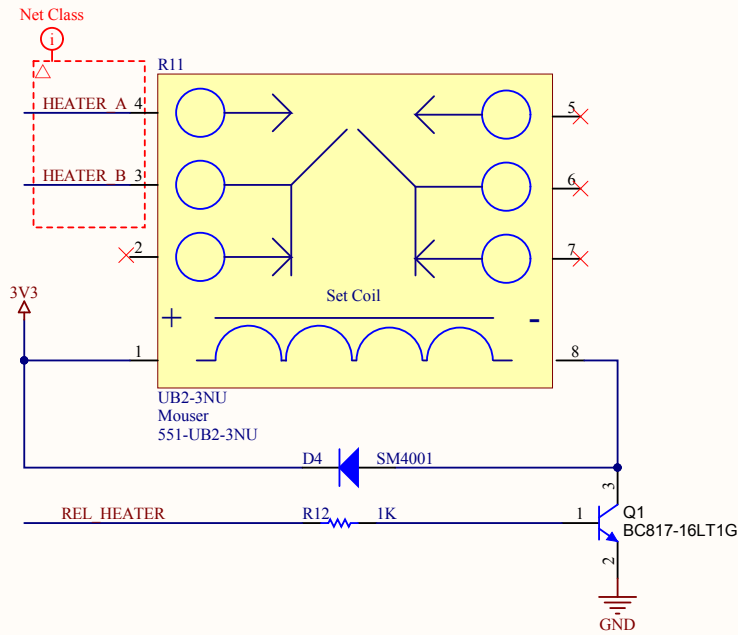
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File:	C:\Users\...[01] MCU.SchDoc	Drawn By:



## THERMAL &amp; HUMMIDITY

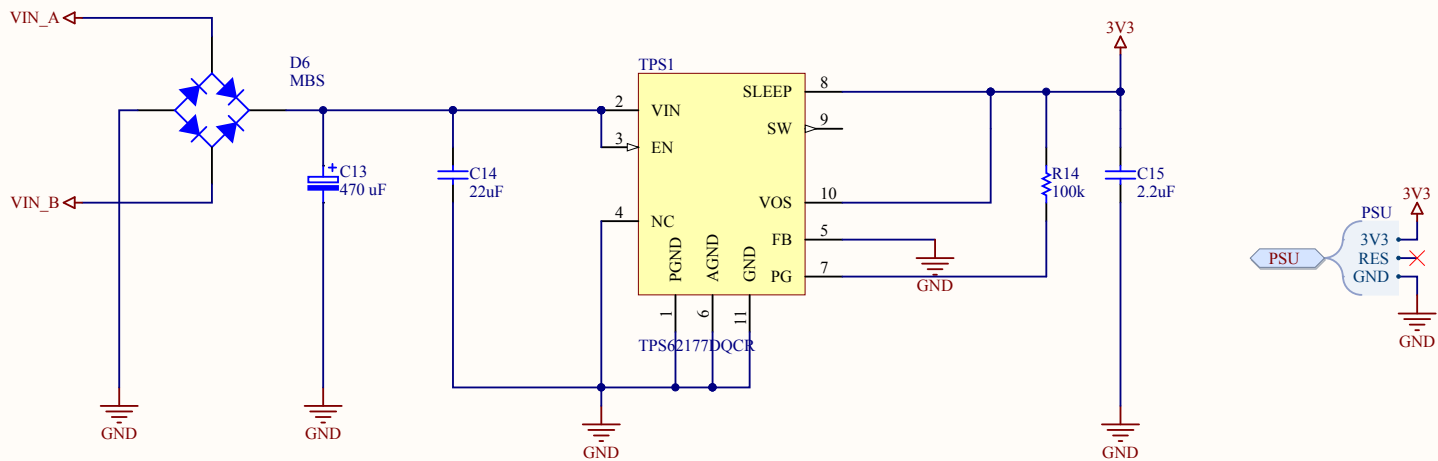


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Size	Number	Revision
A4		
Date:	2015.11.15	Sheet of
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Title		
Size	Number	Revision
A4		
Date:	2015.11.15	Sheet of
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# Bill of Materials

<Parameter Title not found>

Source Data From: WIFITERM.PrjPcb  
 Project: WIFITERM.PrjPcb  
 Variant: None

Creation Date: 2015.11.15. 18:41:46  
 Print Date: 42323 42323,77917

Footprint	Comment	LibRef	Designator	Description	Quantity
0402	100 nF	smd_ceramic_c	C1, C2, C4, C5, C10, C11, C12, C23	GRM31CR61H225KA88L	8
0402	10 uF	smd_ceramic_c	C3		1
0402	2.2 uF	smd_ceramic_c	C6, C7, C8, C9		4
ALUELCOG	470 uF	smd_alu_elco	C13		1
0805	22uF	smd_ceramic_e	C14		1
1206	2.2uF	smd_ceramic_c	C15		1
0402	100nF	smd_ceramic_c	C16, C21, C26		3
0402	10uF	smd_ceramic_c	C17, C25		2
0402	4.7uF	smd_ceramic_c	C18		1
0402	27pF	smd_ceramic_c	C19, C20		2
0603	10 uF	smd_ceramic_e	C22		1
0402	2.2nF(10%)	smd_ceramic_c	C24		1
SFH4056	SFH4056	SFH4056	D1, D2, D3		3
D0805	SM4001	1N4148-0805	D4, D5		2
MBS	MBS	MBS	D6		1
KD26FM_1	2.7" 320x240	KD026FM_1	DISP1		1
HDR1X4	Header 4	Header 4	P1	Header, 4-Pin	1
SOT-23	BC817-16LT1G	BC817-16LT1G, ON Semiconductor	Q1, Q2	Transistor, NPN, 45V, 0.5A, SOT-23	2
SOT23	BSS138	BSS138	Q3	N-Channel Enhancement Mode Vertical DMOS FET	1
2012[0805]	100K	smd_resistor	R1	CRCW0402100KFKED	1
1005[0402]	10K	smd_resistor	R2, R3, R4, R5, R15, R16, R17, R18, R19, R26, R27, R28, R29		13
UB2_SERIE S	UB2-3NU	UB2	R10, R11		2
1005[0402]	1K	smd_resistor	R12, R13, R24		3
1005[0402]	100k	smd_resistor	R14		1
1005[0402]	47K	smd_resistor	R20, R21, R23, R25		4
2012[0805]	270R	smd_resistor	R22		1
0402	Res3	Res3	R30		1
TACT_SW_MICRO	tact_sw_smd	tact_sw_smd	SW1		1
TP_ROUND WSON-10	TP	TP	TP1		1
EMW3165	TPS62177DQCR	TPS62177DQCR	TPS1	Voltage Regulators - Switching Regulators 28V 0.5A SD Cntr	1
SHT21	EMW3165	EMW3165	U1	Humidity and Temperature Sensor IC	1
SLAB-QFN-10_V	SHT21	SHT21	U2		1
VQFN-48_N	Si1143	Si1143	U3		1
	FT800Q-R	FT800Q-R	U4	FT800 Single Chip Embedded Graphic Controller (Embedded Video Engine), -40 to +85 degC, 48-pin VQFN, Pb-Free, Tape and Reel	1
CYP-LKX16_N	CY8CMBR2044-24LKXI	CY8CMBR2044-24LKXI	U5	Four Button CapSense Controller, 4 CapSense IO, 1.71 to 5.50 V, 16-Pin QFN (LKX16)	1
R38	12MHz	XTAL	Y1	Crystal Oscillator	1

72

Approved	Notes