

Title		
Size	Number	Revision
A4		
Date:	2013-10-17	Sheet of
File:	D:\	Drawn By:

WAKEUP PA0  
USART2TX PA2  
USART2RX PA3  
SPISCK PG14  
SPIMISO PG13  
SPIMOSI PG12  
SPI2NSS PG11  
USART1TX PA9  
USART1RX PA10  
TMS/SWDIO PA13  
TCK/SWCLK PA14  
TDI PA15  
TDO PB3  
TRST PB4  
USB\_DM PA11  
USB\_DP PA12

NU1B  
PA0 34  
PA1 35  
PA2 36  
PA3 37  
PA4 40  
PA5 41  
PA6 42  
PA7 43  
PA8 100  
PA9 101  
PA10 102  
PA11 103  
PA12 104  
PA13 105  
PA14 109  
PA15 110  
PB0 46  
PB1 47  
PB2 48  
PB3 133  
PB4 134  
PB5 135  
PB6 136  
PB7 137  
PB8 139  
PB9 140  
PB10 69  
PB11 70  
PB12 73  
PB13 74  
PB14 75  
PB15 76  
PC0 26  
PC1 27  
PC2 28  
PC3 29  
PC4 44  
PC5 45  
PC6 96  
PC7 97  
PC8 98  
PC9 99  
PC10 111  
PC11 112  
PC12 113  
PC13 7  
PC14 8  
PC15 9

PF15 55  
PF14 54  
PF13 53  
PF12 50  
PF11 49  
PF10 22  
PF9 21  
PF8 20  
PF7 19  
PF6 18  
PF5 15  
PF4 14  
PF3 13  
PF2 12  
PF1 11  
PF0 10  
PE15 68  
PE14 67  
PE13 66  
PE12 65  
PE11 64  
PE10 63  
PE9 60  
PE8 59  
PE7 58  
PE6 5  
PE5 4  
PE4 3  
PE3 2  
PE2 1  
PE1 142  
PE0 141  
PD15 86  
PD14 85  
PD13 82  
PD12 81  
PD11 80  
PD10 79  
PD9 78  
PD8 77  
PD7 123  
PD6 122  
PD5 119  
PD4 118  
PD3 117  
PD2 116  
PD1 115  
PD0 114

PG15 132  
PG14 129  
PG13 128  
PG12 127  
PG11 126  
PG10 125  
PG9 124  
PG8 93  
PG7 92  
PG6 91  
PG5 90  
PG4 89  
PG3 88  
PG2 87  
PG1 57  
PG0 56  
A15  
A14  
A13  
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A11  
A10

PF15 55  
PF14 54  
PF13 53  
PF12 50  
PF11 49  
PF10 22  
PF9 21  
PF8 20  
PF7 19  
PF6 18  
PF5 15  
PF4 14  
PF3 13  
PF2 12  
PF1 11  
PF0 10  
PE15 68  
PE14 67  
PE13 66  
PE12 65  
PE11 64  
PE10 63  
PE9 60  
PE8 59  
PE7 58  
PE6 5  
PE5 4  
PE4 3  
PE3 2  
PE2 1  
PE1 142  
PE0 141  
PD15 86  
PD14 85  
PD13 82  
PD12 81  
PD11 80  
PD10 79  
PD9 78  
PD8 77  
PD7 123  
PD6 122  
PD5 119  
PD4 118  
PD3 117  
PD2 116  
PD1 115  
PD0 114

PE15 68  
PE14 67  
PE13 66  
PE12 65  
PE11 64  
PE10 63  
PE9 60  
PE8 59  
PE7 58  
PE6 5  
PE5 4  
PE4 3  
PE3 2  
PE2 1  
PE1 142  
PE0 141  
PD15 86  
PD14 85  
PD13 82  
PD12 81  
PD11 80  
PD10 79  
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PD7 123  
PD6 122  
PD5 119  
PD4 118  
PD3 117  
PD2 116  
PD1 115  
PD0 114

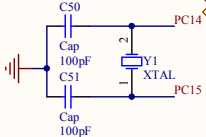
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PD13 82  
PD12 81  
PD11 80  
PD10 79  
PD9 78  
PD8 77  
PD7 123  
PD6 122  
PD5 119  
PD4 118  
PD3 117  
PD2 116  
PD1 115  
PD0 114

D[0..15]

A[0..23]

FSMC\_NE4 PG12  
FSMC\_NE3 PG10  
FSMC\_NE2 PG9  
FSMC\_INT2 PG6  
FSMC\_NBL1 PE1  
FSMC\_NBL0 PE0  
FSMC\_NCE2 PD7  
FSMC\_NWAIT PD6  
FSMC\_NWE PD5  
FSMC\_NOE PD4

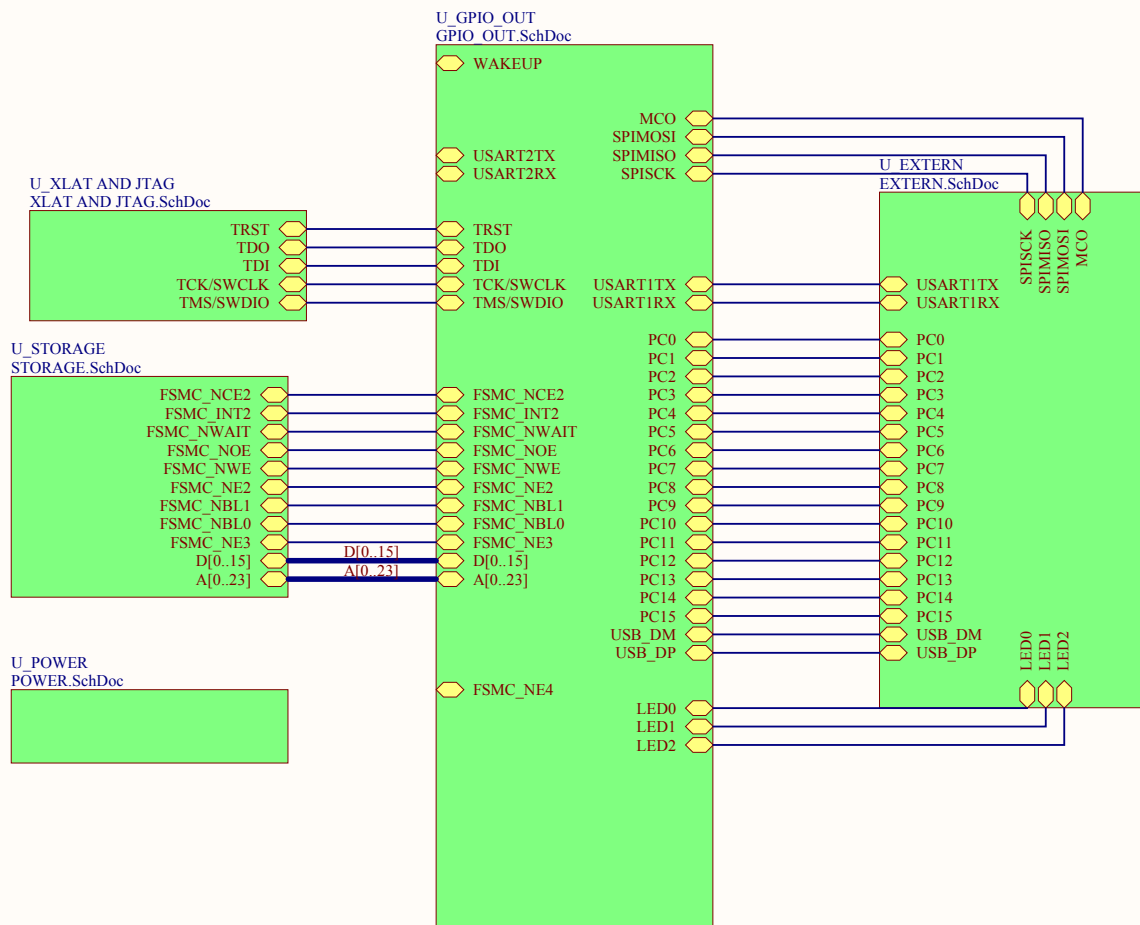
LED0  
LED1  
LED2



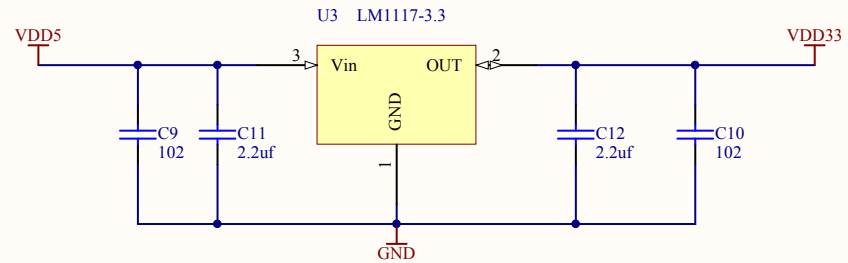
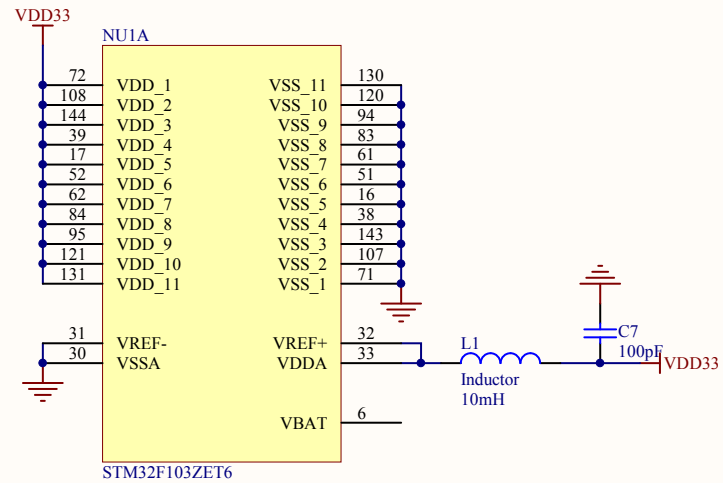
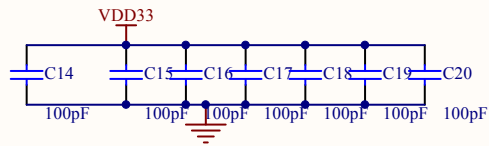
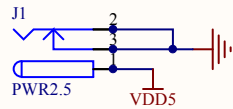
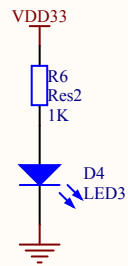
CPU

STM32F103ZET6

Title			
Size	Number		Revision
B			
Date:	2013-10-17		Sheet of
File:	D:\GPIO_OUT.SchDoc		Drawn By:

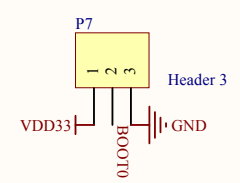
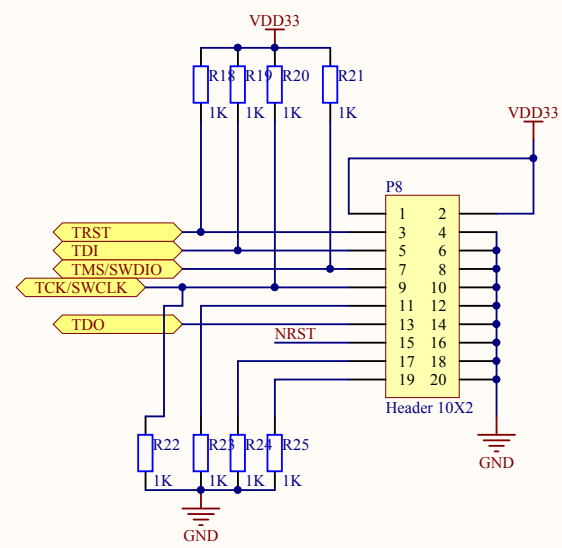
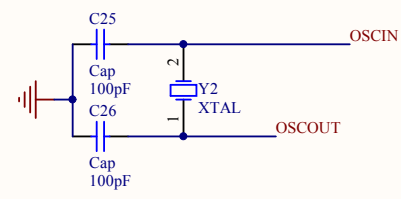
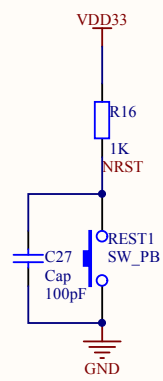
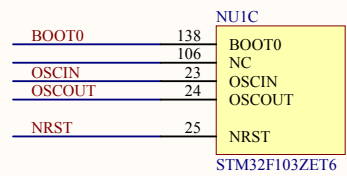


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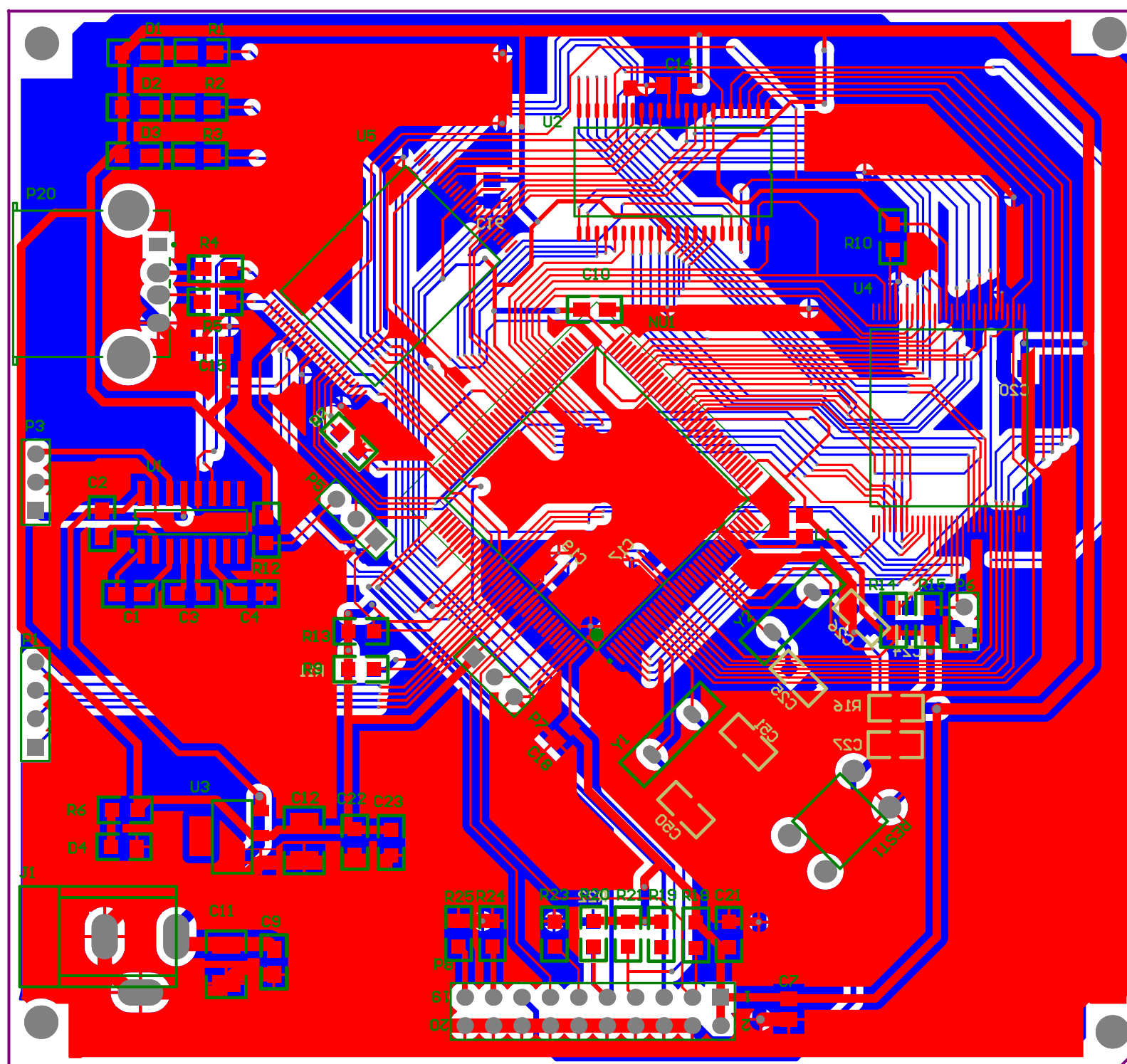


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Size A	Number		Revision
Date:	2013-10-17		Sheet of
File:	D:\POWER.SchDoc		Drawn By:





Title			
Size	Number		Revision
A4			
Date:	2013-10-17	Sheet of	10
File:	D:\	\XLAT AND JTAG.Sch Drawn By:	



# Bill of Materials

<Parameter Title not found>

Source Data From: PCB\_Project1.PrjPCB  
Project: PCB\_Project1.PrjPCB  
Variant: None

Creation Date: 2013-10-17 PM 07:00:46  
Print Date: 41564 41564.7923

Footprint	Comment	LibRef	Designator	Description	Quantity
0805	0.1uF	CAP	C1, C2, C3, C4	Capacitor	4
6-0805	Cap	Cap	C7, C14, C15, C16, C17, C18, C19, C20	Capacitor	8
0805	102	CAP	C9, C10	Capacitor	2
1210	2.2uf	CAP	C11, C12	Capacitor	2
0805	Cap	Cap	C21, C22, C23, C24, C25, C26, C27, C50, C51	Capacitor	9
0805	LED0	LED0	D1, D2, D3	Typical INFRARED GaAs LED	3
0805	LED3	LED3	D4	Typical BLUE SiC LED	1
Power_In	PWR2.5	PWR2.5	J1	Low Voltage Power Supply Connector	1
6-0805	Inductor	Inductor	L1	Inductor	1
LQFN144	STM32F103ZET6	STM32F103ZET6	NU1		1
HDR1X4	Header 4	Header 4	P1	Header, 4-Pin	1
HDR1X3	Header 3	Header 3	P3, P5, P7	Header, 3-Pin	3
HDR1X2	Header 2	Header 2	P6	Header, 2-Pin	1
HDR2X10	Header 10X2	Header 10X2	P8	Header, 10-Pin, Dual row	1
787616	P10	COMPONENT_1	P20		1
0805	Res2	Res2	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R18, R19, R20, R21, R22, R23, R24, R25	Resistor	24
SWPB	SW_PB	SW_PB	REST1		1
SOIC16	MAX232-2	MAX3232-2	U1		1
TSOP44	IS61LV51216-10T	IS61LV51216-10T	U2		1
SOT-223	LM1117-3.3	LM1117-3.3	U3		1
TSOP56	M29W128GL	M29W128GL	U4		1
TSOP48	NAND512W3A2	NAND512W3A2	U5		1
XTAL-1	CN6E	CN6E	Y1, Y2	Crystal Oscillator	2
					71

Approved	Notes