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Date:	5/4/2012	Sheet	of
File:	C:\Users\...\quad_misc.SchDoc	Drawn By:	

A

B

C

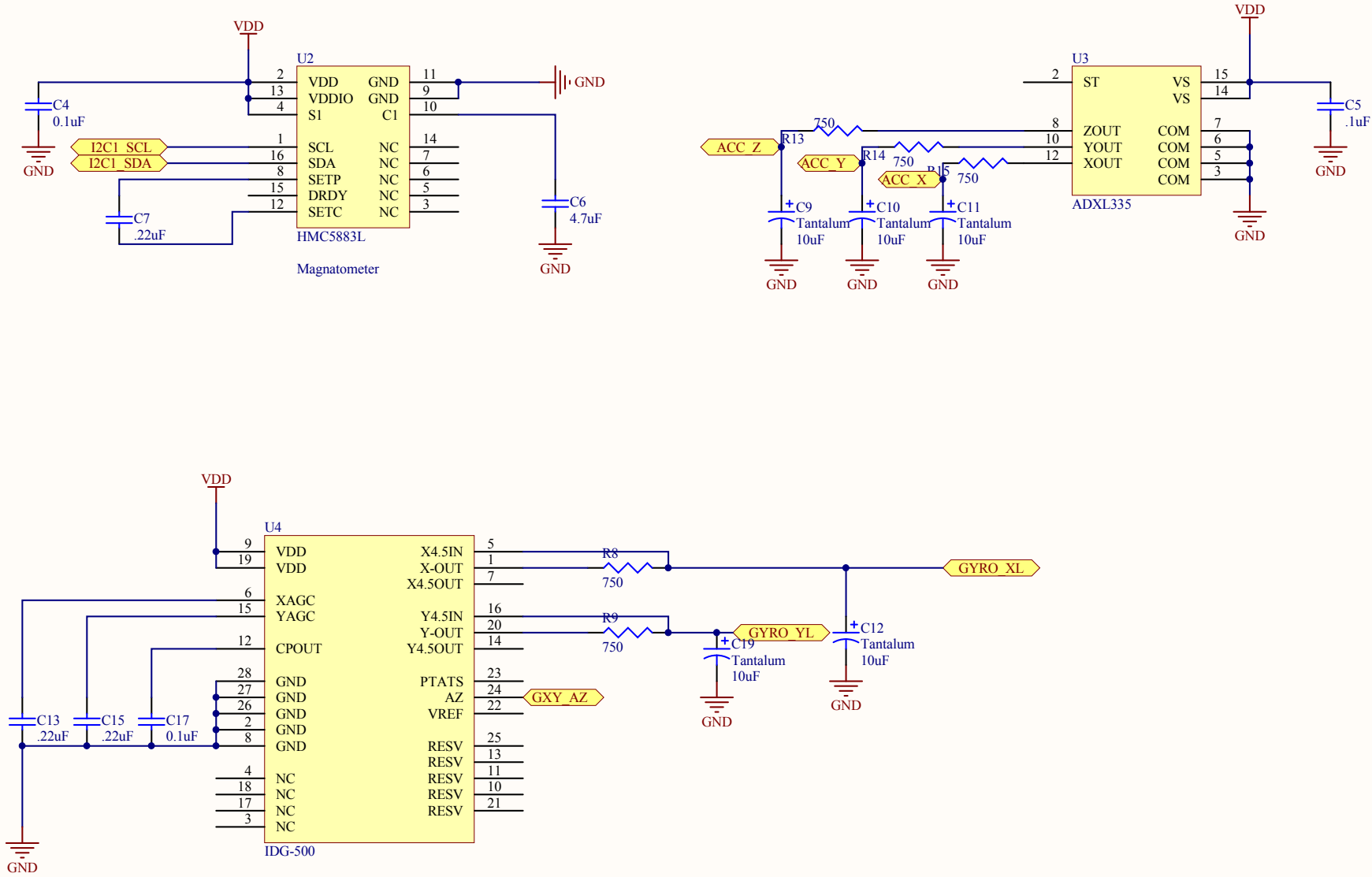
D

A

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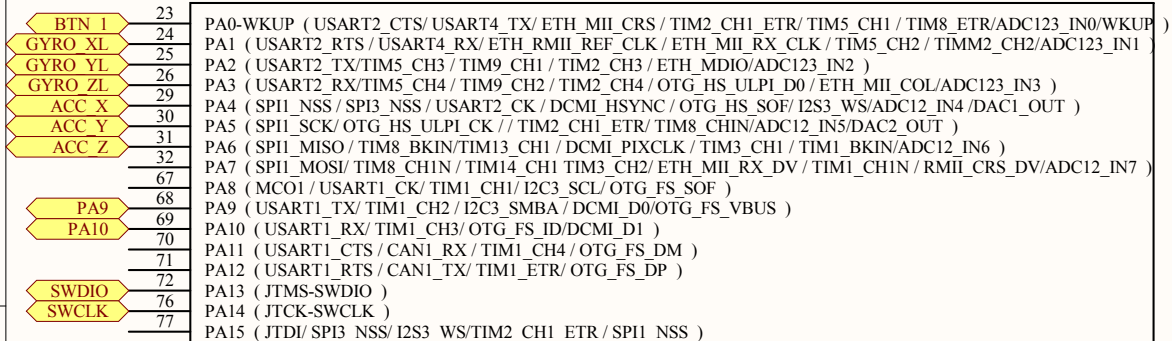
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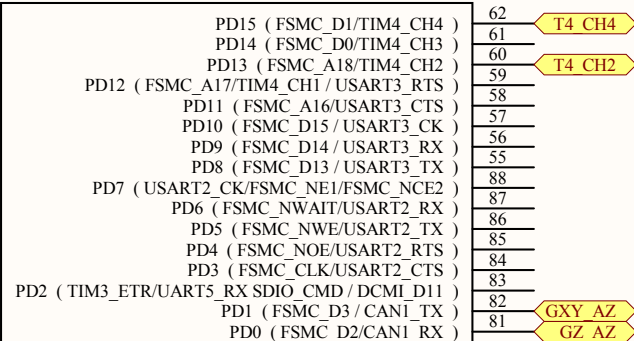


## IC1A



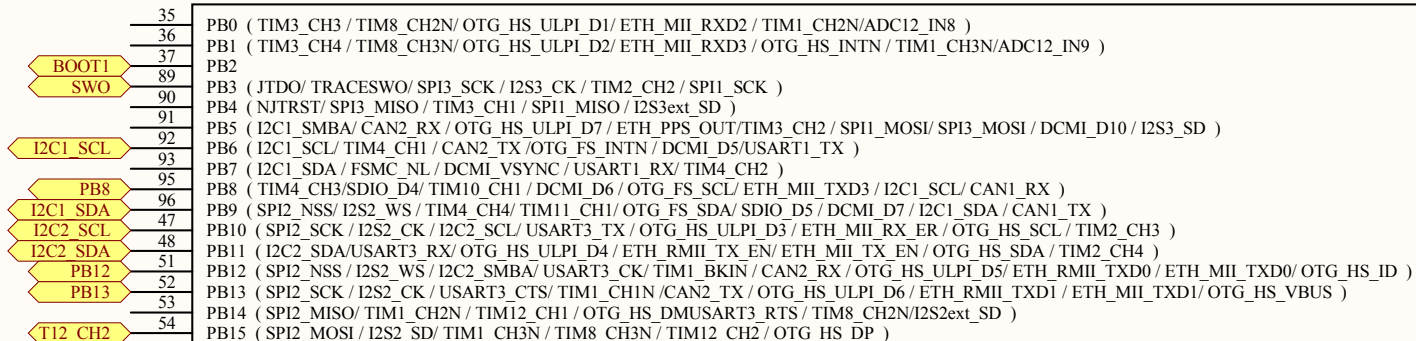
STM32F40x-VG (LQFP100)

## IC1D



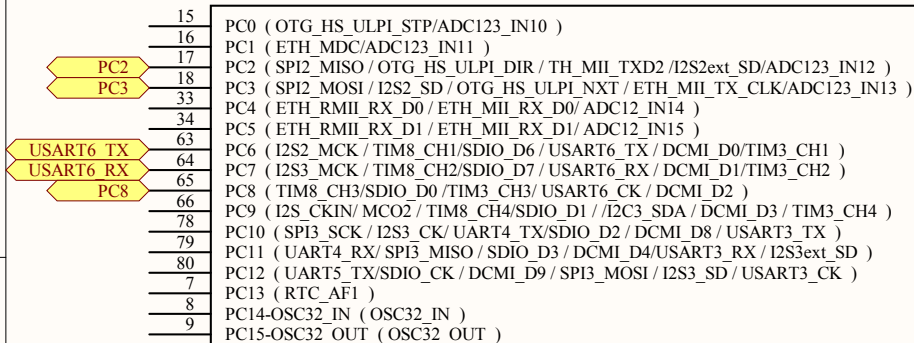
STM32F40x-VG (LQFP100)

## IC1B



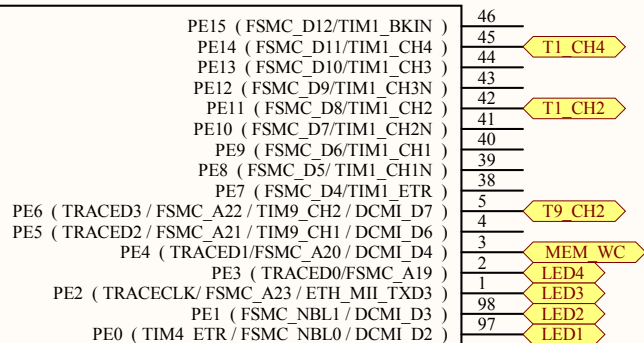
STM32F40x-VG (LQFP100)

## IC1C



STM32F40x-VG (LQFP100)

## IC1E



STM32F40x-VG (LQFP100)

Title

Size

Number

Revision

Date:

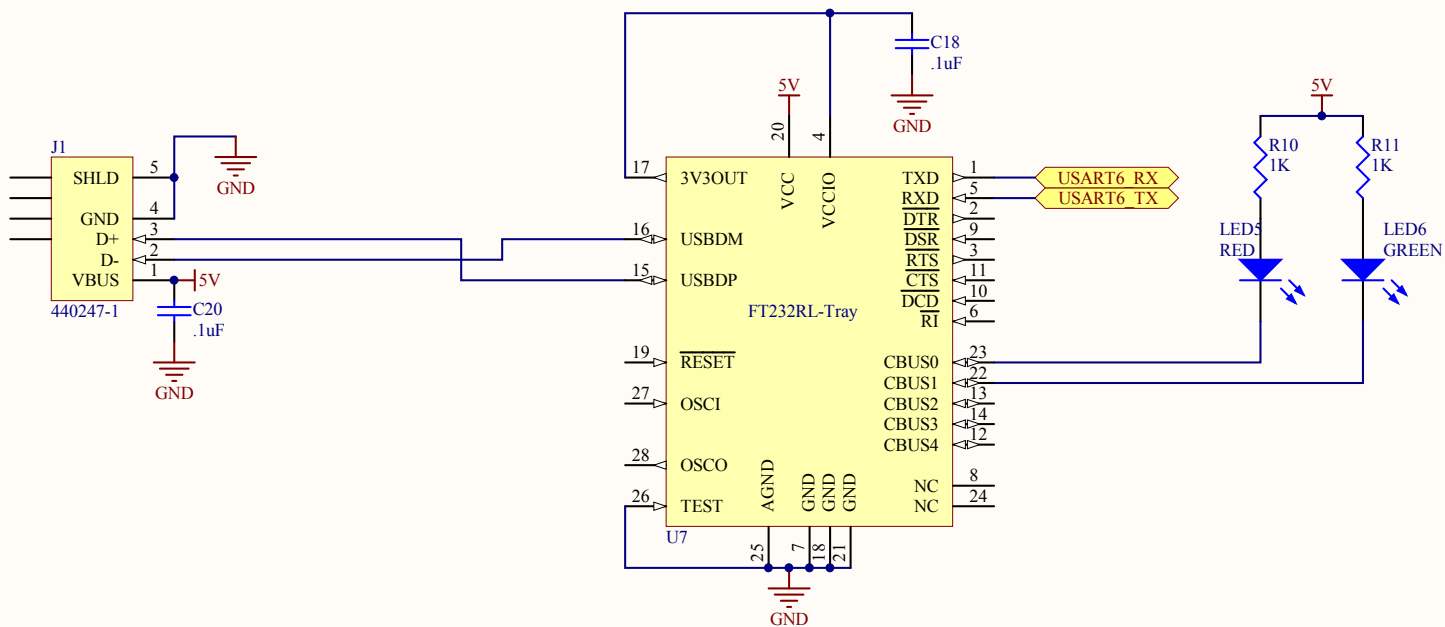
5/4/2012

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File:

C:\Users\...stm32f4\_quad.SchDoc

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Title		
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File:	C:\Users\...\stm32f4_quad_comm.SchDoc	Drawn By:

A

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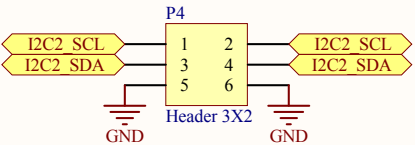
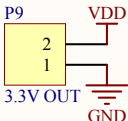
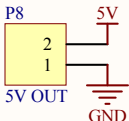
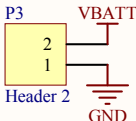
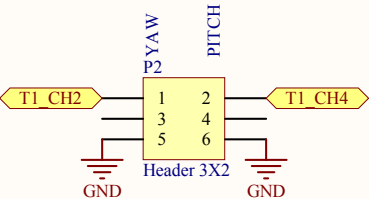
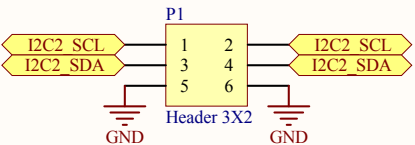
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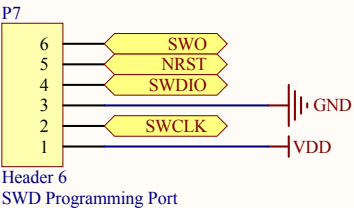
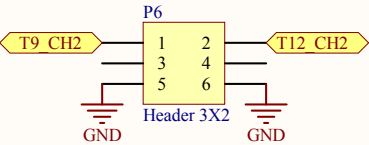
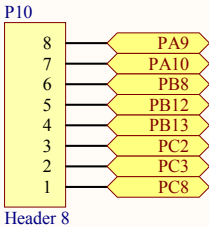
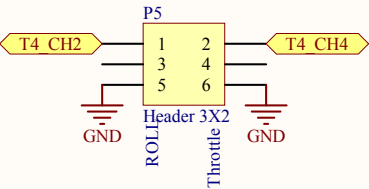
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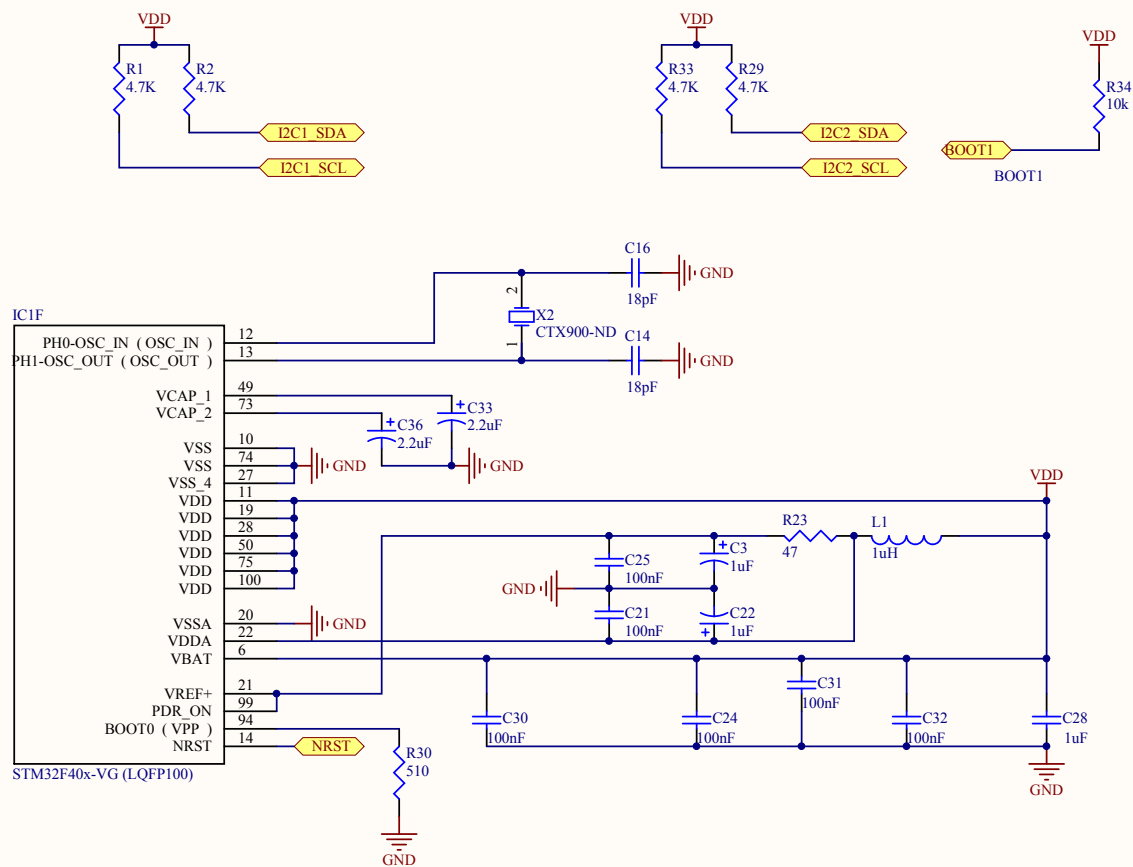
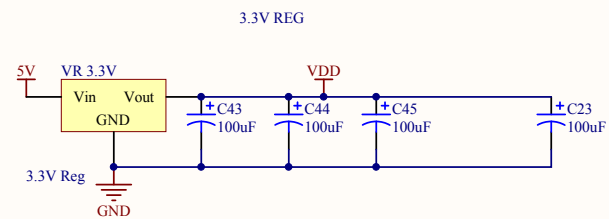


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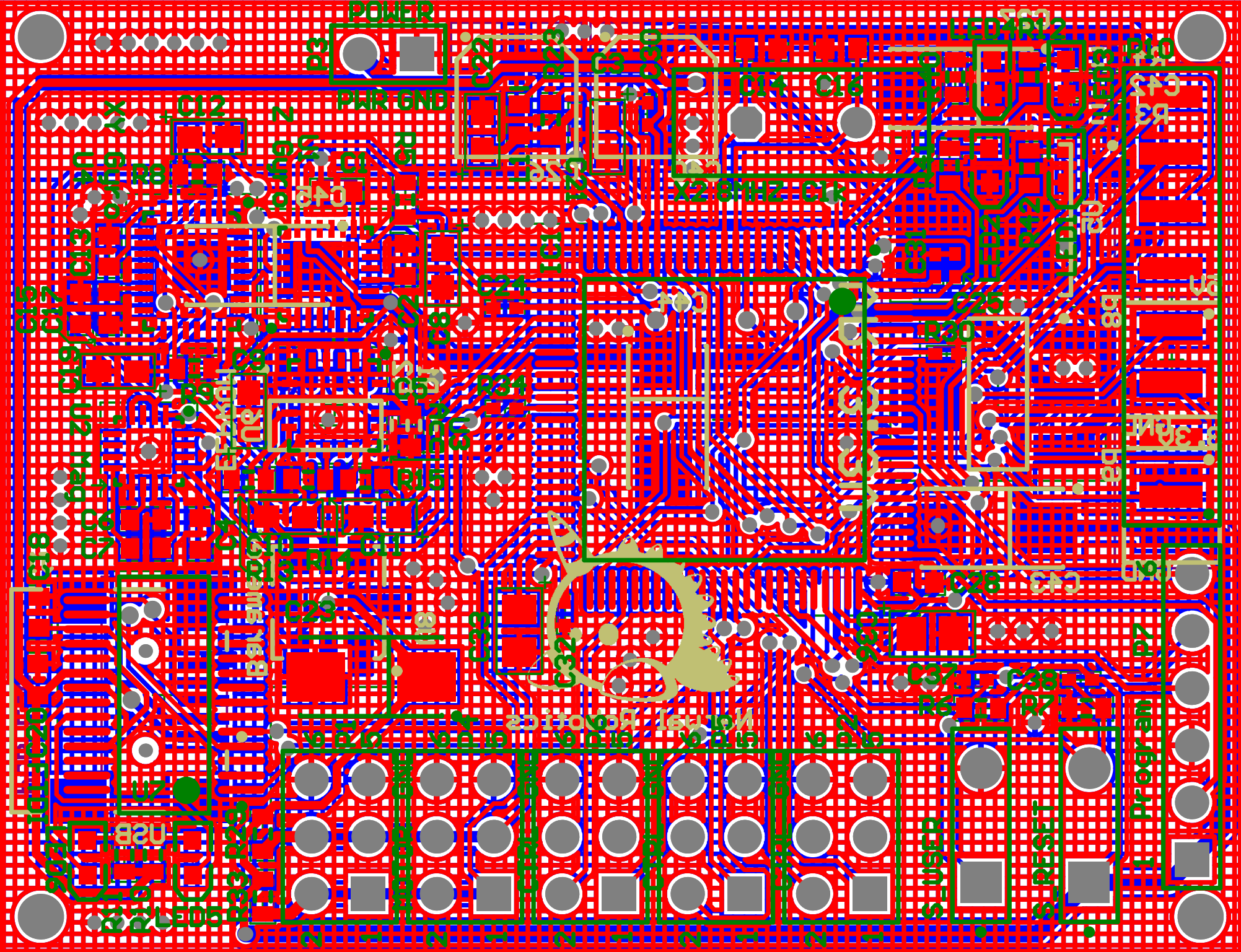


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logo2.bmp

Title		
Size	Number	Revision
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Date:	5/4/2012	Sheet of
File:	C:\Users\...stm32f4_quad_io.SchDoc	Drawn By:



Title		
Size A4	Number	Revision
Date: 5/4/2012	Sheet of	
File: C:\Users\...\STM32F40x-VG (LQFP100) Schematic		
Downloaded By:		





# Bill of Materials

<Parameter Title not found>

Source Data From: stm32f4\_quad.PrjPcb  
Project: stm32f4\_quad.PrjPcb  
Variant: None

Creation Date: 5/4/2012 3:04:28 PM  
Print Date: 41033 41033.62819

Footprint	Comment	LibRef	Designator	Description	Quantity
1608[0603]	Cap	Cap	C1, C2, C4, C5, C6, C7, C13, C14, C15, C16, C17, C18, C20, C28	Capacitor	14
CAP_1608[0603]	Cap Pol1	Cap Pol1	C3, C22	Polarized Capacitor (Radial)	2
CAP_1608[0603]	Tantalum	Cap Pol3	C8, C9, C10, C11, C12, C19	Polarized Capacitor (Surface Mount)	6
0402	Cap	Cap	C21, C24, C25, C30, C31, C32, C37, C38	Capacitor	8
6032	Cap Pol1	Cap Pol1	C23, C27, C43, C44, C45	Polarized Capacitor (Radial)	5
SMD 5.3x5.3 Cap	Cap Pol1	Cap Pol1	C26, C40	Polarized Capacitor (Radial)	2
CAP_2012[0805]	Cap Pol1	Cap Pol1	C33, C36	Polarized Capacitor (Radial)	2
1608[0603] LQFP100_N	Cap Pol1	Cap Pol1	C42	Polarized Capacitor (Radial)	1
STM32F40x-VG (LQFP100)	STM32F40x-VG	STM32F40x-VG	IC1		1
440247	440247-1	440247-1	J1	USB 2.0, Right Angle, SMT, B Type, Receptacle, 5 Position, Black	1
INDC1608L 1.6X0.8X0.8	Inductor	Inductor	L1	Inductor	1
1.6X0.8X0.8	RED	LED2	LED1, LED5	Typical RED, GREEN, YELLOW, AMBER GaAs LED	2
1.6X0.8X0.8	BLUE	LED2	LED2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
1.6X0.8X0.8	ORANGE	LED2	LED3	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
1.6X0.8X0.8	GREEN	LED2	LED4, LED6	Typical RED, GREEN, YELLOW, AMBER GaAs LED	2
Nanwhal HDR2X3	Nanwhal	Nanwhal	nanwhal		1
HDR1X2	Header 3X2	Header 3X2	P1, P2, P4, P5, P6	Header, 3-Pin, Dual row	5
HDR1X6	Header 2	Header 2	P3	Header, 2-Pin	1
HDR1X6	Header 6	Header 6	P7	Header, 6-Pin	1
SMD Header 2	5V OUT	Header 2	P8	Header, 2-Pin	1
SMD Header 2	3.3V OUT	Header 2	P9	Header, 2-Pin	1
SMD Header 8	Header 8	Header 8	P10	Header, 8-Pin	1
J1-0603	Res3	Res3	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R23, R29, R33, R40, R41, R42	Resistor	21
0402	Res3	Res3	R30, R34	Resistor	2
SPST-2	SW-PB	SW-PB	S_RESET, S_USER	Switch	2
ISZ0505B	ISZ0505B	ISZ0505B	U1		1
HMC5883L	HMC5883L	HMC5883L	U2		1
ADXL335	ADXL335	ADXL335	U3		1
IDG-500	IDG-500	IDG-500	U4		1
TD03B_N	LM317MDT	LM317MDT	U5	3-Terminal Adjustable Regulator, 3-pin TO-252	1
SOP8_N	M24C64MN1	M24C64MN1	U6	64 Kbit Serial FC Bus EEPROM	1
SSOP-28_N	FT232RL-Tray	FT232RL-Tray	U7	USB UART Asynchronous Serial Data Transfer Chip, SSOP-28, Tray	1
BMP085	BMP085	BMP085	U8		1
SOT223-4M	3.3V Reg	Volt Reg	VR 3.3V	Voltage Regulator	1
HC-49U	CTX900-ND	ECS-10-13-1	X2	Crystal Oscillator	1
					95

Approved	Notes