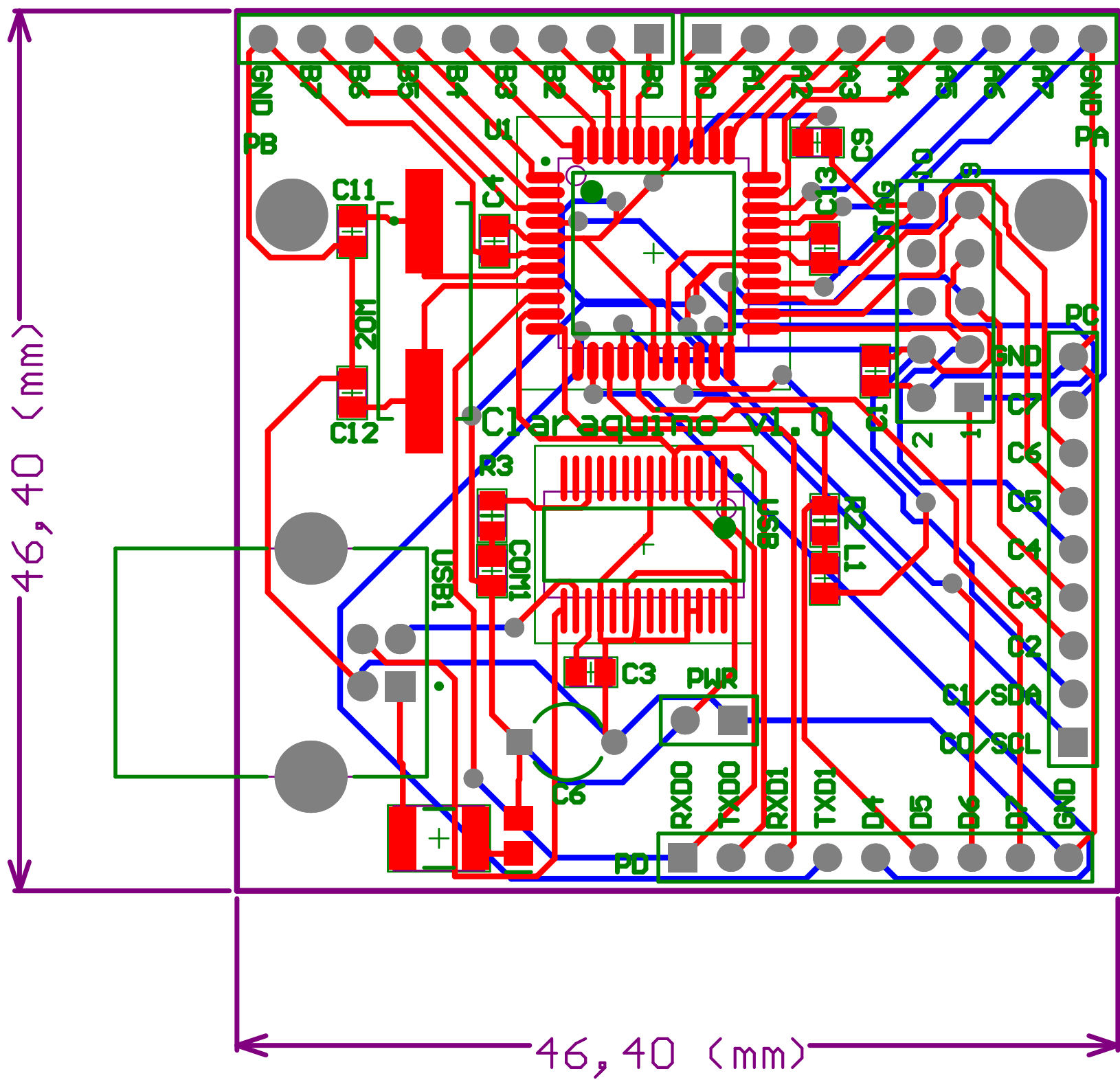


Title		
Size	Number	Revision
A3		
Date:	04/03/2014	Sheet of
File:	E:\Dropbox\...\Esquema Sch	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	Capacitor	C1, C3, C4, C9, C13	CAPC2012L	CAP	5
Cap2	Capacitor	C6	CAPR5-4X5	Cap2	1
18p	Capacitor	C11, C12	CAPC2012L	CAP	2
LED2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	COM1, L1	CAPC2012L	LED2	2
MH2029-300Y	Inductor	IND	0805	Inductor	1
Header 5X2	Header, 5-Pin, Dual row	JTAG	HDR2X5	Header 5X2	1
Fusible	Fuse	MF-MSMF050-2	RESC4532L	Fuse 2	1
Header 9	Header, 9-Pin	PA, PB, PC, PD	HDR1X9	Header 9	4
Header 2	Header, 2-Pin	PWR	HDR1X2	Header 2	1
Res2	Resistor	R2, R3	RESC2012L	Res2	2
ATmega164PA-AU	8-bit AVR Microcontroller 16KB Flash, 512 Bytes EEPROM, 1KB SRAM, 40 pin TQFP, Industrial Grade (-40°C to85°C)	U1	44A_M	ATmega164PA-AU	1
FT232RL-Tube	USB UART Asynchronous Serial Data Transfer Chip SSOP-28, Tube	USB	SSOP-28_M	FT232RL-Tube	1
USB_CONNECTOR_B		USB1	USB2.5-2H4D	USB_CONNECTOR_B	1
20M	Crystal	XTAL1	HC49/4H_SMX	CRYSTAL	1