

A

B

C

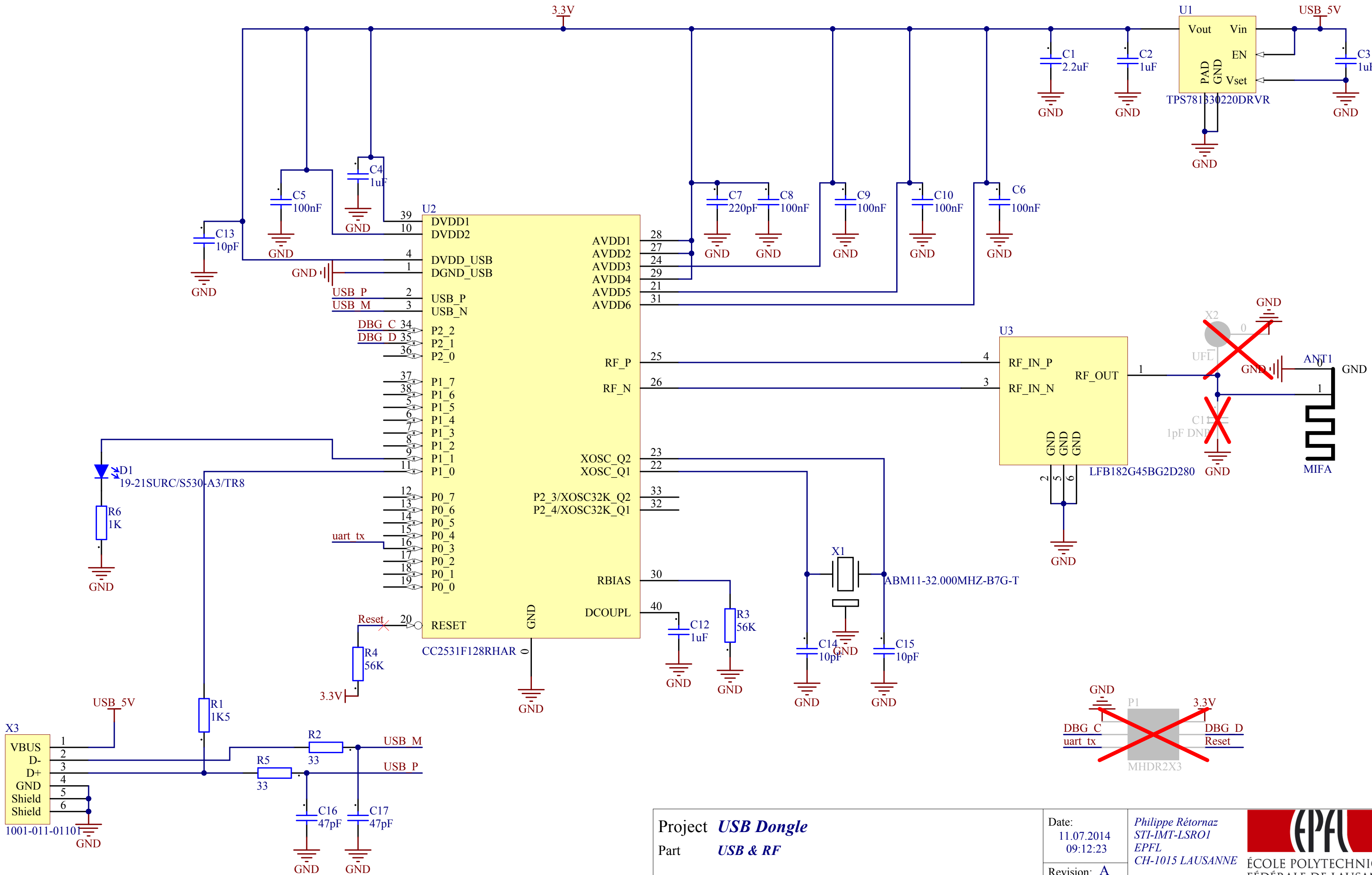
D

A

B

C

D



Project **USB Dongle**

Part **USB & RF**

File : **schematic.SchDoc**

Date:
11.07.2014
09:12:23

Revision: **A**

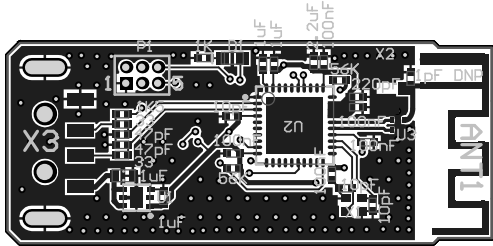
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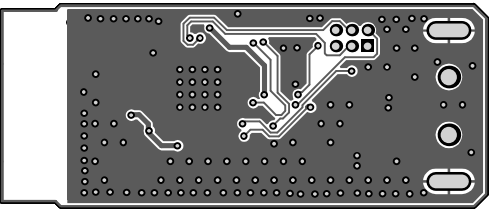
Philippe Rétornaz
STI-IMT-LSRO1
EPFL
CH-1015 LAUSANNE



ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

Laboratoire de Systèmes Robotiques





Description	Comment	Designator	Footprint	Quantity
32Mhz Crystal, 15ppm	ABM11-32.000MHZ-B7G-T	X1	Abracon-ABM11	1
150mA LDO	TPS781330220DRVR	U1	QFN65P200X200X80-6N	1
Balun for CC253x	LFB182G45BG2D280	U3	LFB182G45BG2D280	1
Capacitor	100nF	C5, C6, C8, C9, C10	CAPC1005X05L	5
Capacitor	10pF	C13, C14, C15	CAPC1005X05L	3
Capacitor	1uF	C2, C4, C12	CAPC1005X05L	3
Capacitor	1uF	C3	CAPC1608X08L	1
Capacitor	2.2uF	C1	CAPC1005X05L	1
Capacitor	220pF	C7	CAPC1005X05L	1
Capacitor	47pF	C16, C17	CAPC1005X05L	2
Resistor	1K	R6	RESC1005X04L	1
Resistor	1K5	R1	RESC1005X04L	1
Resistor	33	R2, R5	RESC1005X04L	2
Resistor	56K	R3, R4	RESC1005X04L	2
SMD Red 0603 2V@20ma 56 mcd	19-21SURC/S530-A3/TR8	D1	DIOC1608X08N	1
System-on-Chip Solution for IEEE 802.15.4	CC2531F128RHAR	U2	QFN50P600X600X100-40L-2	1
USB CONNECTOR, A TYPE	1001-011-01101	X3	1001-011-01101	1