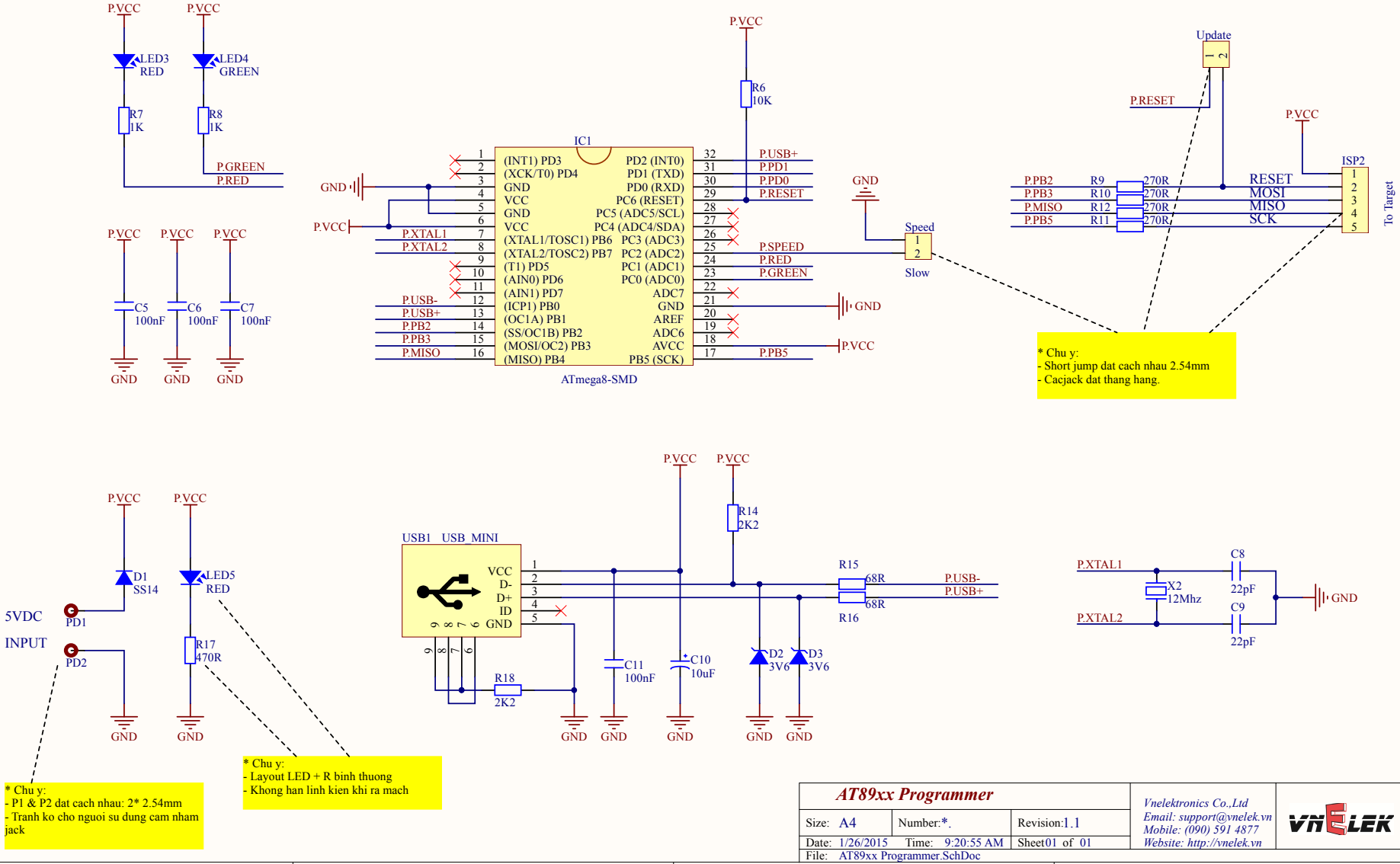
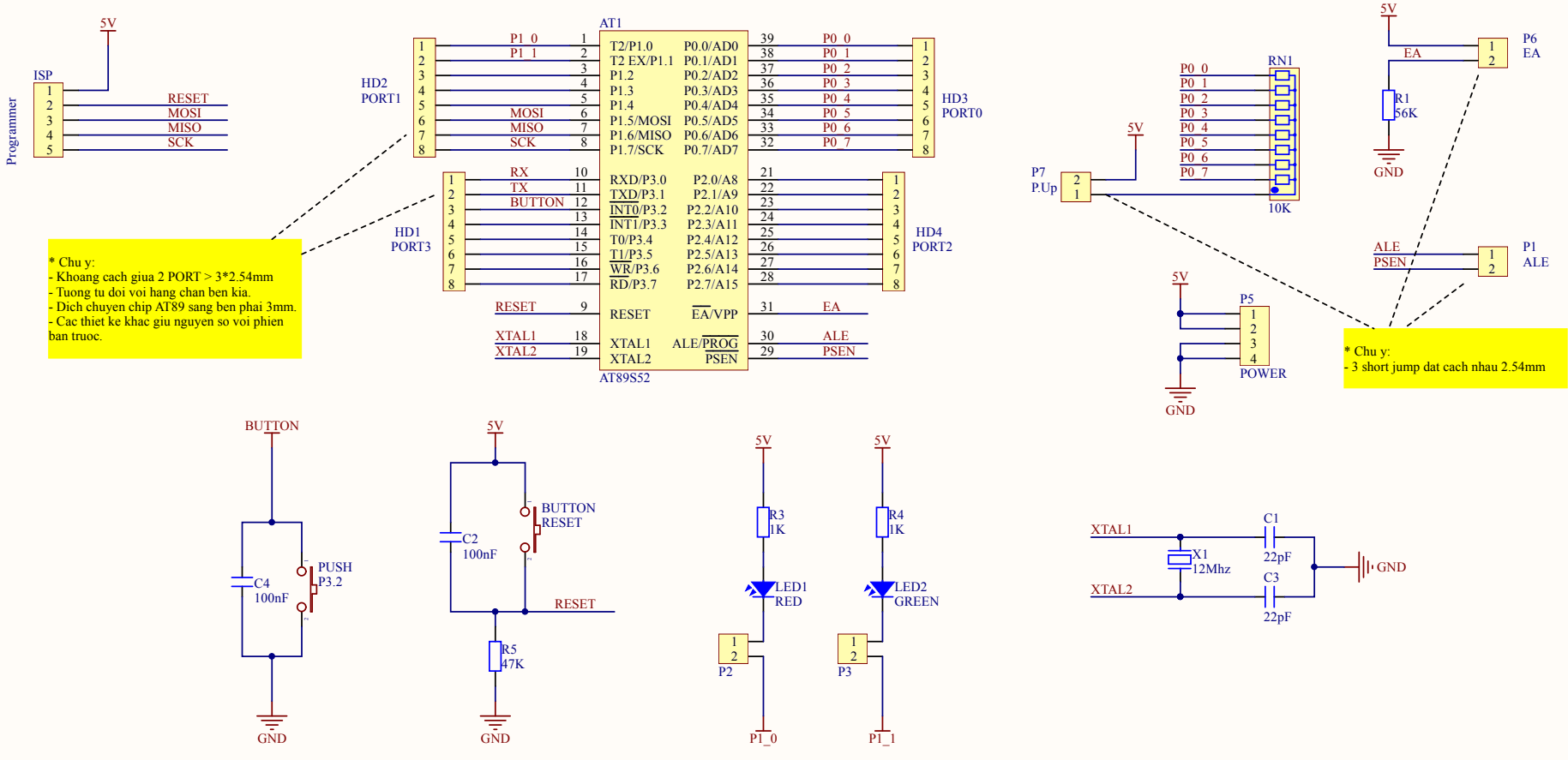


AT89xx Programmer		
Size: A4	Number:*.	Revision:1.1
Date: 1/26/2015 Time: 9:20:55 AM		Sheet01 of 01
File: AT89xx Programmer.SchDoc		

Vnelektronics Co.,Ltd
Email: support@vnelek.vn
Mobile: (090) 591 4877
Website: http://vnelek.vn



Tuong thich voi cac dong chip sau:
- AT89S51
- AT89S52
- AT89S53
- AT89S8252
- AT89S8253

AT89xx Development Kit			Vnelektronics Co.,Ltd Email: support@vnelek.vn Mobile: (090) 591 4877 Website: http://vnelek.vn	VNELEK
Size: A4	Number:*.	Revision:1.1		
Date: 1/26/2015 Time: 9:20:56 AM	Sheet01 of 2			
File: AT89xx Development Kit.SchDoc				

Bill of Materials

AT89xx Development Kit

Source Data From: AT89xx Development Kit.PrjPcb
Project: AT89xx Development Kit.PrjPcb
Variant: None

Creation Date: 1/26/2015 9:21:02 AM
Print Date: 42030 42030.38983

Footprint	Comment	LibRef	Designator	Description	Quantity
de gat xanh dip 40	AT89S52	AT89S52	AT1	AT89S52, 8k Byte Flash Memory , 40 Pin	1
BUTTON 2PIN TRON	RESET	SW2	BUTTON	Switch button 2 pin	1
C0603	22pF	CN1	C1, C3, C8, C9	Cap np 1pF - 472pF	4
C0805	100nF	CN1, CN1, CN2, CN2, CN2, CN2	C2, C4, C5, C6, C7, C11	Cap np 1pF - 472pF, Cap np 1pF - 472pF, Cap np 104 => 105pF, Cap np 104 => 105pF, Cap np 104 => 105pF, Cap np 104 => 105pF	6
C1210	10uF	CP1	C10	Cap P 0,1uF < 22uF , 16 - 50V	1
SS14	SS14	D1A	D1	Diode 1A	1
1N5223	3V6	DZ	D2, D3	Diode Zenner	2
Header_8	PORT3	Hed8	HD1	Hedear 8	1
Header_8	PORT1	Hed8	HD2	Hedear 8	1
Header_8	PORT0	Hed8	HD3	Hedear 8	1
Header_8	PORT2	Hed8	HD4	Hedear 8	1
ATMEGA_8_SMD	ATmega8-SMD	ATmega8_SMD_32pin	IC1	High-performance, Low-power Atmel ® AVR ® 8-bit Microcontroller	1
Header_5	Programmer	Hed5	ISP	Header 5 (Green)	1
Header_5	To Target	Hed5	ISP2	Header 5 (Green)	1
Led 0805R	RED	LED	LED1, LED3, LED5	LED Single colour Green and Red	3
Led 0805G	GREEN	LED	LED2, LED4	LED Single colour Green and Red	2
Header_2	ALE	Hed2	P1	Header 2 (Green)	1
Header_2	JUMP	Hed2	P2, P3	Header 2 (Green)	2
Header_4	POWER	Con4	P5	Connector 4	1
Header_2	EA	Hed2	P6	Header 2 (Green)	1
Header_2	P.Up	Hed2	P7	Header 2 (Green)	1
	Pad Big	Pad_Big	PD1, PD2	Pad Big	2
BUTTON 2PIN TRON	P3.2	SW2	PUSH	Switch button 2 pin	1
RESC2012(0805)	Res2	Res2	R1, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R14, R15, R16, R17, R18	Resistor	16
RN8	10K	RN8	RN1	Resistor 8 (Thanh)	1
Header_2	Slow	Hed2	Speed	Header 2 (Green)	1
Header_2	Update	Hed2	Update	Header 2 (Green)	1
USBMNIB	USB_MINI	USB_MINI	USB1		1
CRYSTAL	12Mhz	XT2	X1, X2	Crystal For all Crystal 2pin.	2
					59

Approved	Notes	