How to program LPC1700, LPC2000 and LPC900 microcontrollers with PoUSB12

Hardware used: PoUSB12: www.poscope.com
Software used for programming all devices: http://www.flashmagictool.com/
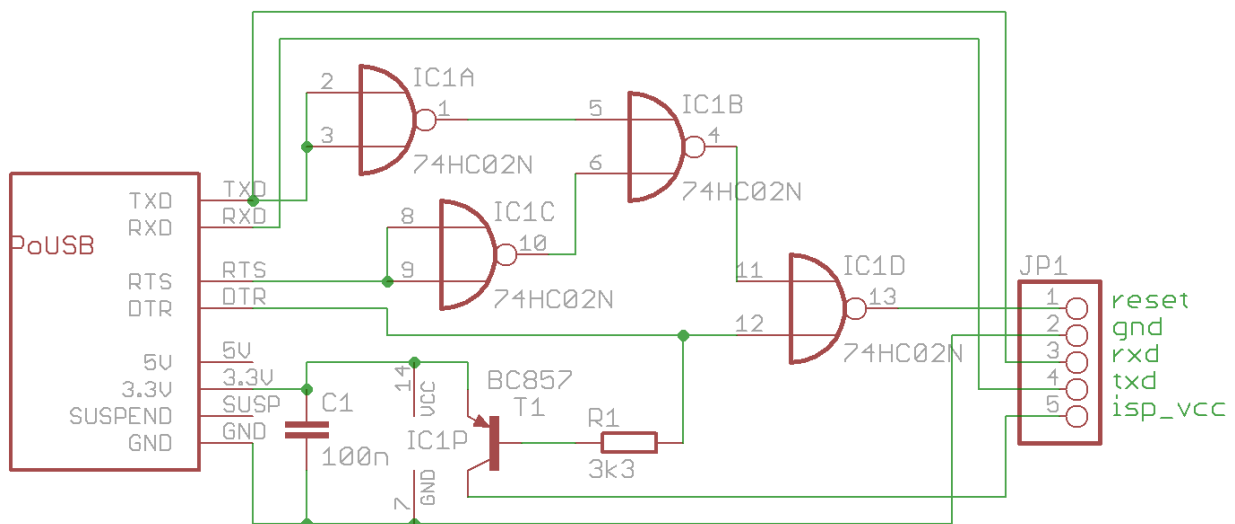
LPC1300, LPC1700, LPC2000 and LPC2300

To program LPC ARM and Cortex devices, you should directly connect PoUSB12 to microcontroller as described in table.

PoUSB12	LPC2000	LPC2300	LPC1700	LPC1300
DTR	/RST	/RST	/RST	/RST
TXD	RXD0= P0.1	RXD0 = P0.3	RXD0 = P0.3	RXD0 = PIO1.6
RXD	TXD0 = P0.0	TXD0 = P0.2	TXD0 = P0.2	TXD0 = PIO1.7
RTS	/ISP = P0.14	/ISP = P2.10	/ISP = P2.10	/ISP = (TBD)
GND	GND	GND	GND	GND

Microcontroller must be connected to power supply! 3,3V from PoKeys12 can be used when maximum current is not exceeded.

LPC900

To program LPC900 series, you need these circuit:

LPC900 ISP programmer

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