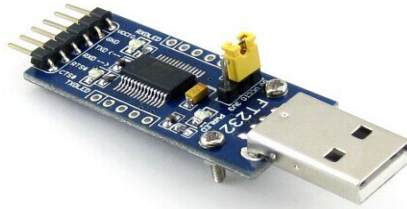# GenLi2

This is my modification of Paco's Genli. Pcb is more compact, and allows to use cheap ft232 converter like this:

or similar. It could be also used with Bluetooth UART adapters.

Hex file is same as genuine Paco's. Partlis, dump, schematics , pcb's layout and silk in attachement.

Part	Value		
C1	100nf		
C2	100nf		
C3	100nf		
C4	22Pf		
C5	22Pf		
C6	100nf		
C7	100nf		
C8	100uF		
C9	470uf		
D1	1N4148DO35-7		
IC1	PIC16F628		
IC2	MAX482	DIL08	
IC3	78L05Z	TO92	
J1	RJ11-2L-B		
JP1	uart out	PINHD-1X8	1X08
LED1		LED3MM	
LED2		LED3MM	
Q1	20Mhz	XTAL	
R1	330R		
R2	330R		

uart out

8
7
6
5
4
3
2
1

JP1

GND

IC1

14 VDD
17 RA0/AN0
18 RA1/AN1
1 RA2/AN2/VREF
2 RA3/AN3/CMP1
3 RA4/TOCKI/CMP2
4 RA5/MCLR/VPP
15 RA6/OSC2/CLKOUT
16 RA7/OSC1/CLKIN
5 VSS

RB0/INT 6
RB1/RX/DT 7
RB2/TX/CK 8
RB3/CCP1 9
RB4/PGM 10
RB5 11
RB6/T1OSO/T1CKI/PGC 12
RB7/T1OSI/PGD 13

PIC16F628P

GND

Q1
1 2
20Mhz

22Pf C4
GND

22Pf C5
GND

GND

LED1
330R R2

IC2

1 RO
2 RE/
3 DE
4 DI

B 7
6
A 5

MAX481CPA

GND

J1
1
2
3
4
5
6

RJ11-2L-B

1N4148DO35-7
D1

R1
330R

LED2

IC2P
5 GND
8 VCC

GND

100nf C2
GND

100nf C3
GND

100nf C6
GND

100nf C7
GND

C8
100uF
GND

GND
2
VO
GND
1
78L05Z
VI 3
IC3

C9
470uf
GND

C1
100nf
GND

GND

Modified by Bobbik

Design by Jungo

PIC16F628P

uart out

20Mhz
Q1

22Pf
22Pf

MAX481CPA

1N4148DO35-7

100nf
100nf
100nf
100nf
100nf
100uF
100uF

470uf

330R

330R

78L05Z

RJ11-2L-B