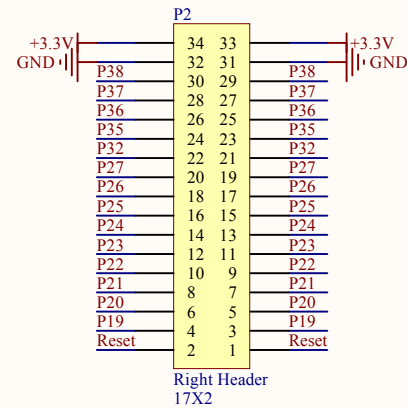
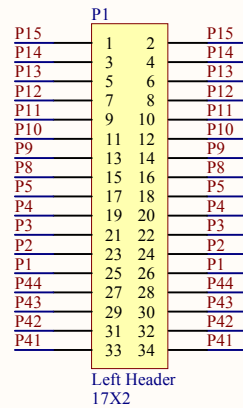
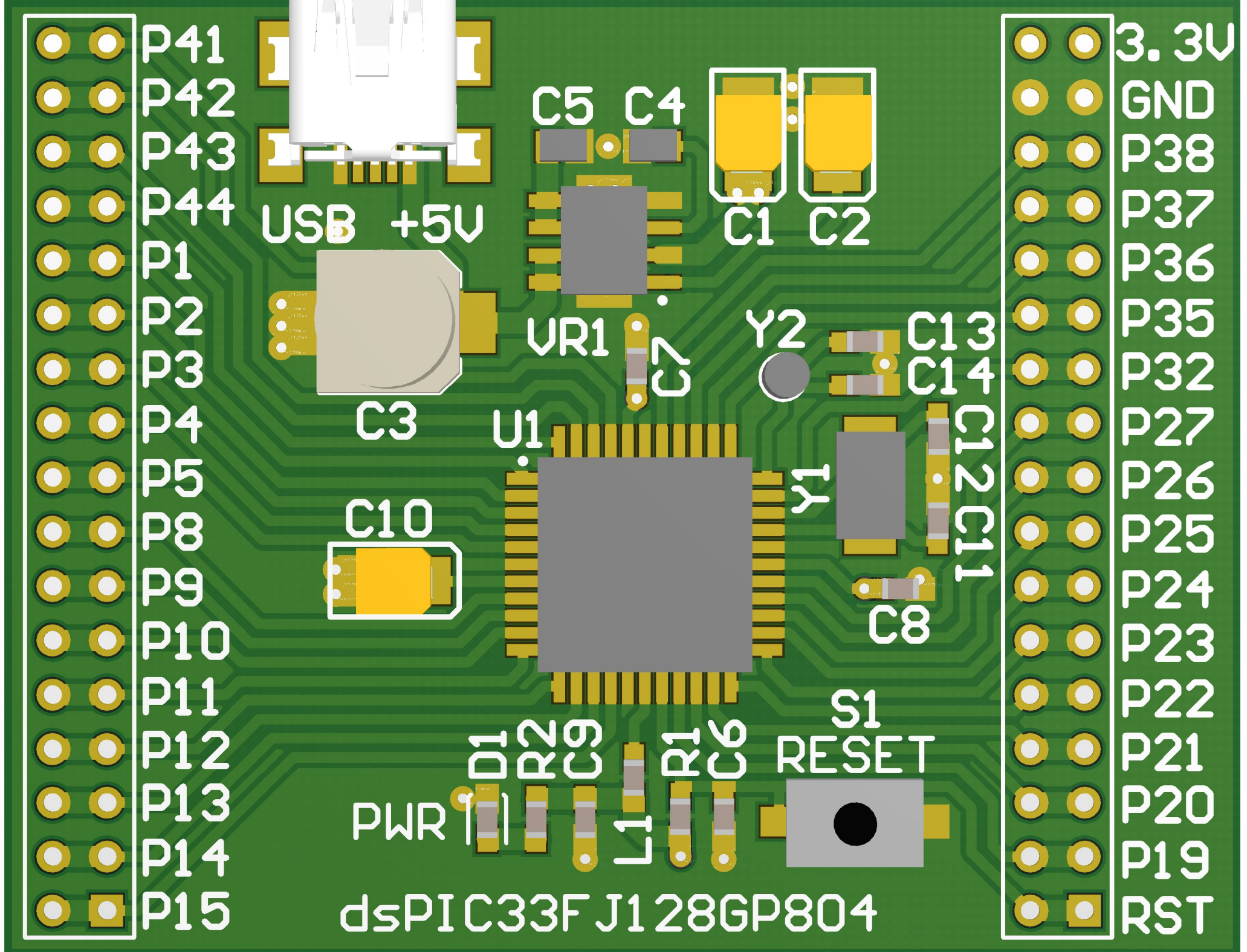


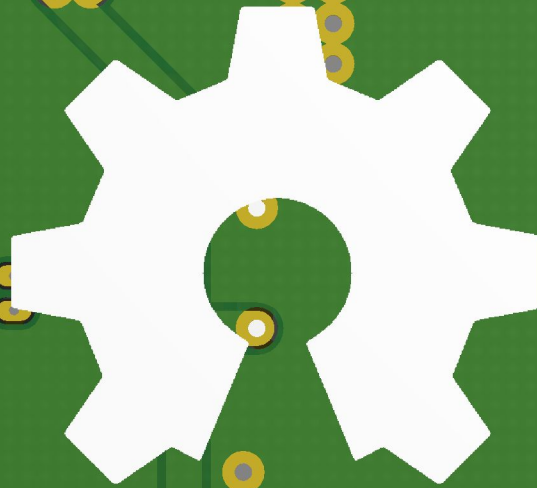
Decoupling Capacitors  
Place close to sdPIC +3.3V pin !



Title		
dsPIC33FJ128GP804 development board		
Size	Number	Revision
A4		1.0
Date:	8.2.2016	Sheet 1 of 1
File:	C:\Users\...\Sheet1.SchDoc	Drawn By: Matej Gomboc







open source  
hardware

dsPIC33FJ128GP804  
development board

v1.0

Comment	Description	Designator	Footprint	Quantity	Value
ADM7150	800 mA Ultralow Noise, High PSRR, RF Linear Regulator	VR1	ADM7150_SOIC8	1	
Aluminium	Aluminium Capacitor	C3	Panasonic Size D8	1	100uF
C0603	Ceramic Capacitor	C6, C7, C8, C9, C11, C12, C13, C14	0603_HandSoldering	8	100nF, 100nF, 100nF, 100nF, 22pF, 22pF, 22pF, 22pF
C0805	Ceramic Capacitor	C4, C5	C0805	2	1uF
dsPIC33FJ128GP804	dsPIC 40 MIPS	U1	dsPIC33FJ128GP804_TQFP44	1	
i0603	Inductor	L1	0603_HandSoldering	1	BLM18TG102TN1D
LED 0603	SMD LED 0603	D1	0603_LED	1	
Left Header	Header, 17-Pin, Dual row	P1	HDR2X17	1	17X2
R0603	Resistor	R1, R2	0603_HandSoldering	2	10K, 1K
Right Header	Header, 17-Pin, Dual row	P2	HDR2X17	1	17X2
SW-SPST	KSR221G LFS Tactile Switch	S1	KSR221G_LFS_Tactile_Switch	1	KSR221G LFS
Tantal B	Tantalum Capacitor	C1, C2, C10	AVX-CAPC3528_V	3	10uF
USB_mini_B	USB 2.0 mini B receptacle	J1	USB mini B receptacle	1	
XTAL	RALTRON R26-32.768- 12.5 CRYSTAL	Y2	Raltron R26-32.768-12.5 CRYSTAL	1	32.768KHZ
XTAL	TXC 7A-20.000MAAJ-T XTAL	Y1	TXC 7A-20.000MAAJ-T XTAL	1	20MHz