## Simple Digital Oscilloscope (PCINTO/CLKO/ICP1)PB0 (PCINT1/0C1A)PB1 15 (PCINT2/0C1B/SS)PB2 16 12-22pF MOSI (PCINT3/OC2A/MOSI)PB3 17 MISO SCK (PCINT4/MISO)PB4 18 (PCINT5/SCK)PB5 21 AREF (PCINT6/XTAL1/TOSC1)PB6 (PCINT7/XTAL2/TOSC2)PB7 ADC0 ADC1 ADC2 ADC3 (PCINT8/ADC0)PC0 12-22pF (PCINT9/ADC1)PC1 24 (PCINT10/ADC2)PC2 25 (PCINT11/ADC3)PC3 26 SCK MISO MOSI ADC4 (PCINT12/SDA/ADC4)PC4 (PCINT14/SCL/ADC5)PC5 28 (PCINT14/RESET)PC6 TXD (PCINT17/TXD)PD1 (PCINT18/INTO)PD2 (PCINT19/0C2B/INT1)PD3 5 (PCINT20/XCK/T0)PD4 (PCINT21/0C0B/T1)PD5 11 (PCINT22/OCOA/AINO)PD6 12 (PCINT23/AIN1)PD7 13 ATMEGA328-P Wave Generator R6 24K U1B SWave ADC0 TWave SWave TWave File: oscilloscope.sch Sheet: / Title: Simple Digital Oscilloscope with Wave Generator Size: A4 Date: 18 mar 2014 Rev: 1 KiCad E.D.A. ld: 1/1