

[illegible]

The diagram illustrates a motor speed control circuit. It features two MOSFETs, Q2A (IRF9389) and Q2B (IRF9389), which drive a motor (M) through a potentiometer (POT2E). The motor is connected to terminals 19 and 20. The circuit is powered by a VCC-5V supply and includes various passive components like resistors (R7, R8, R9, R10, R11, R12, R13, R14, R15, R16) and capacitors (C21, C22, C8, C9, C10, C11). Diodes D1 through D8 (BAT54) are used for protection and signal conditioning. The motor is labeled 'MOTOR\_CW' and 'MOTOR\_CCW'.

Atmega328pb Datasheet:  
 C1, C2 <= 22pF  
 -> sel. XTAL with small C1,C2

Atmega328PB

Title		BC2_VolCtrl	
Size	Number	Revision	
A3		v1.1	
Date:	07.01.2020	Sheet	of
File:	C:\Users\...Sheet1.SchDoc	Drawn By:	