7805 SO DO NGUYEN LY GND C4 220uF D1 C5 10uF GND LED-YELLOW JACK 12V AC OUT **KHOI NGUON 5V** LCD1 LM016L LED BAO TRANG THAI KHOI RESET U3 D2 LED-RED SW1 27.0 ① ① ① VOUT J13 VCC D3 LED-GREEN GND **CAM BIEN NHIET DO** LCD HIEN THI MO HINH LO NHIET KHOI GIAO TIEP USART R3 AC SW2 XTAL_1 13 XTAL_2 14 OSC1/CLKIN OSC2/CLKOUT MCLR/Vpp/THV Ē DOMINO \$ RB3/PGM RB4 RA0/AN0 RA1/AN1 RB5 AC RA2/AN2/VREF-RB6/PGC Q7008L5 C2 33pF RA3/AN3/VREF+ RA4/T0CKI TUO RA5/AN4/SS RC0/T10S0/T1CKI SW3 KHOI DAO DONG BTN1 BTN2 RC1/T1OSI/CCP2 BTN1 RE0/AN5/RD RC2/CCP1 DOMINO RC3/SCK/SCL RE2/AN7/CS RC4/SDI/SDA RC5/SDO BR1 GND RD1 RD2 RD2/PSP2 RD3 RD4 RD5 POT-SQUARE BTN2 RD3/PSP3 **BIEN TRO** RD4/PSP4 RD5/PSP5 **ZERO CROSSING** PIC16F877A **NUT NHAN**