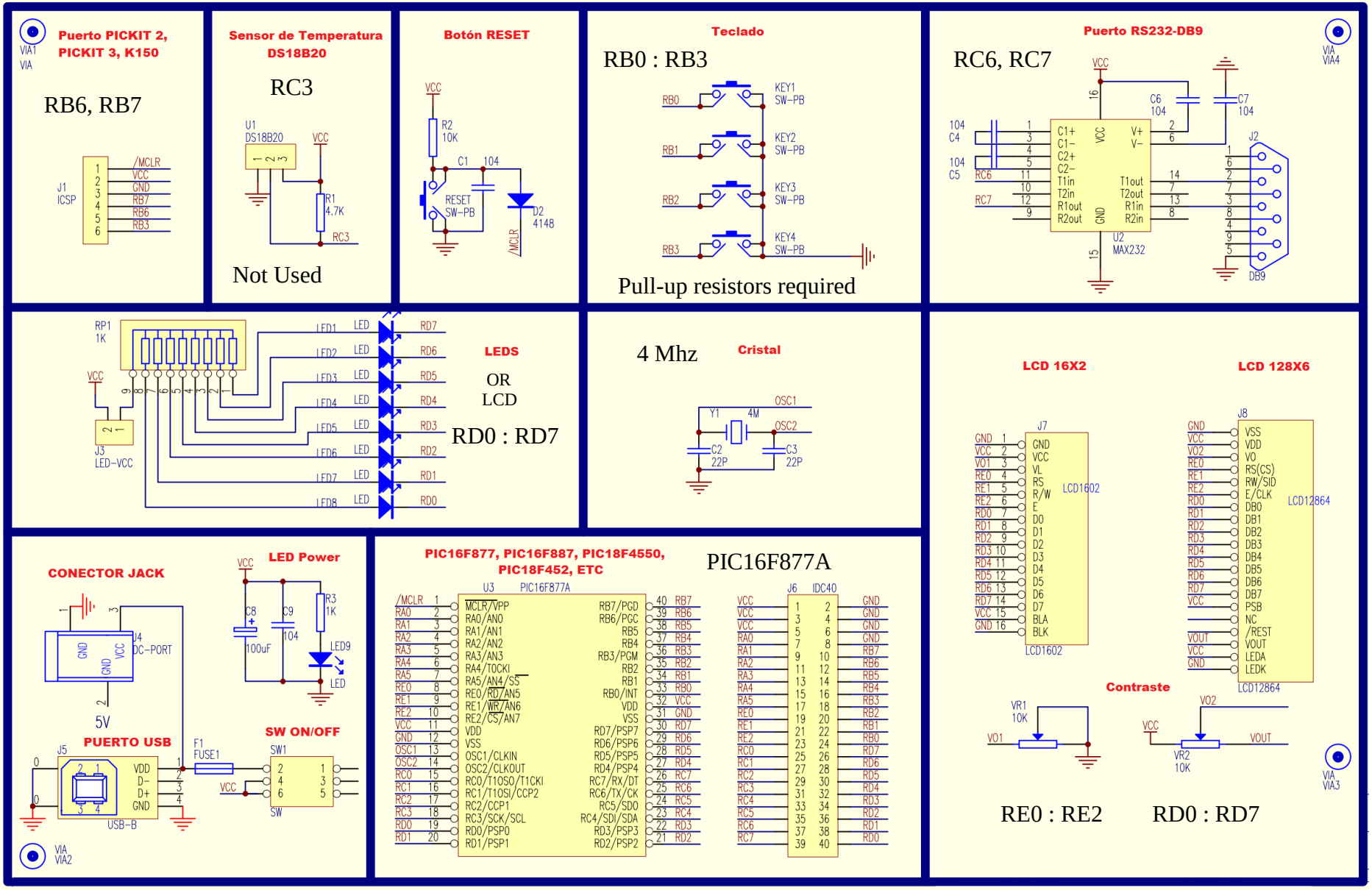
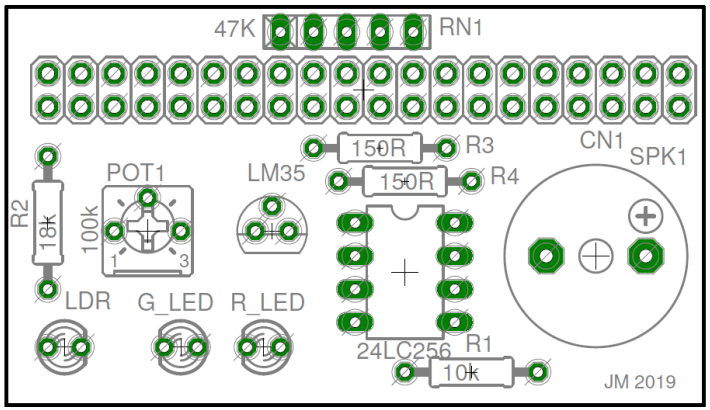
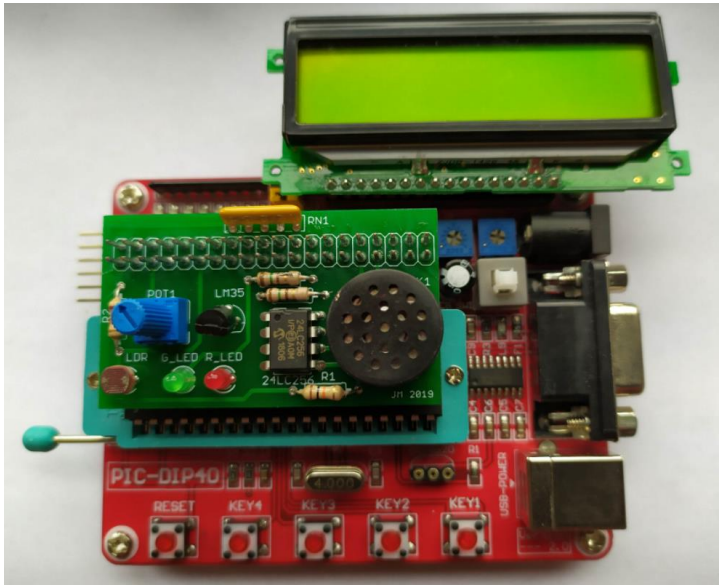
PIC DIP-40 SCHEMATIC



FREE I/O PINS : RA0 : RA5 RB4 : RB5 RC0 : RC3 RC4 : RC5

PIC DIP-40 Daughter Board





Analogue Inputs

POT1	:	RA0
LM35*	:	RA1
LDR	:	RA2

I2C EEPROM (24LC256)

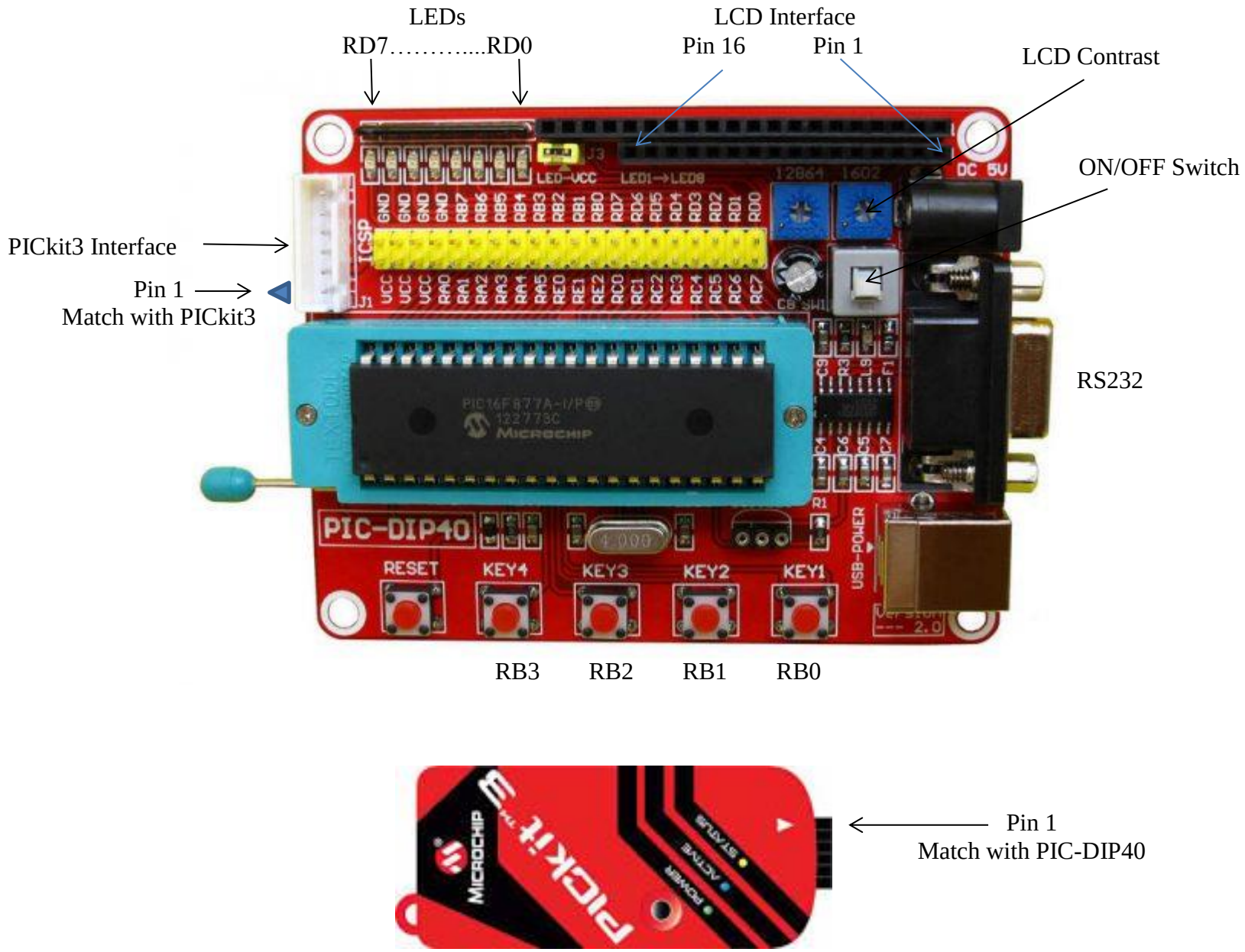
SCL	:	RC3
SDA	:	RC4

Outputs

Green LED**	:	RC0
Red LED**	:	RC1
Speaker	:	RC2

* LM35 Temperature Sensor, 10mV per degree C

** Green and Red LEDs are common cathode i.e. a ‘1’ = On and ‘0’ = Off


LEDs
RD7……....RD0
LCD Interface
Pin 16
Pin 1
LCD Contrast
ON/OFF Switch
PICkit3 Interface
Pin 1
Match with PICkit3
RS232
PIC-DIP40
RESET
KEY4
KEY3
KEY2
KEY1
RB3
RB2
RB1
RB0
Pin 1
Match with PIC-DIP40