[Micropython]TPYBoard v10x LCD12864B

**4.1.实验目的：**

* 学习在LCD12864上显示汉字和ascll字符的方法

**4.2.所需原器件：**

* TPYBoard v10X开发板 1块
* LCD12864显示屏 1个
* micro USB数据线 1条
* 杜邦线 若干

**4.3.实验原理：**

1. 驱动LCD12864显示屏

TPYBoard v10x的针脚与LCD12864的针脚对应关系如下:

VCC VIN

GND GND

RS Y2

E Y1

D0-D7 X1-X7

RW GND 读取控制引脚

PSB 5V 串并选择引脚

BLA 5V

BLK GND

2.main.py内容如下

# main.py -- put your code here!

import pyb

import LCD12864

def main():

lcd=LCD12864.lcd12864()

lcd.init\_12864()

lcd.lcd\_write\_string(0x82,"MicroPyton",1)

lcd.lcd\_write\_string(0x91,"By TurnipSmart",1)

lcd.lcd\_write\_string(0x8a,"萝卜电子",2)

lcd.lcd\_write\_string(0x9a,"液晶测试 ",2)

while True:

a=0

if \_\_name\_\_ == '\_\_main\_\_':

main()

