PIC18F4550

T

T

Send READ Command

y=READ SPI DATA x3

DIN\_PIN==0

Send READ Command

x=READ SPI DATA x3

DIN\_PIN==0

START

unsigned long x,y,z;

Initialize SPI

Keep CS PIN LOW

Set ADC\_MODE REG 0x002C

Set INTERFACE MODE REG 0x0008

Set Channel 0 0x8001

Set Channel 1 0x8043

Set Channel 2 0x8096

Initialize SETUPCON0 REG 0x0000

Initialize FILTCON0 REG 0x0514

SET to SINGLE CONVERSION MODE

2

1

2

Send READ Command

z=READ SPI DATA x3

SEND Data VIA UART TO PIC24

SET SINGLE CONVERSION MODE

T

1

DIN\_PIN==0