

Index

ADCON0 register 169
ADCON1 register 169
ADDLW 292
ADDWF 119, 293
ADRES register 171
ADSEL register 227
ANDLW 293
ANDWF 293
Anti-bounce routine 107
Assembling code 19

Banks 85
BCF 19, 293
BSF 18, 293
BTFSC 65, 293
BTFSS 66, 293
Burglar Alarm 272

CALL 19, 293
Carry Bit 173
Clock 3
CLRF 68, 84, 110, 293
CLRW 294
CLRWT 294
CMCON register 228
COMF 294
Compiling 22
Configuration bits 83, 90
Counting 110

Data 16F818 50
Data 16F84 49
Data types 13
DECF 110, 294
DECFSZ 43, 294
DELAY 19
Development kits 285
Dice 257

EECON1 198
EECON2 198
EEPROM 198
Equates 82

Fault finding 282

GOTO 19, 85, 294
Greenhouse control 236

Header 12C508 51
Header 12F629 52
Header 12F675 53
Header 16C54 139
Header 16F627 55
Header 16F818 59, 88
Header 16F84 14, 57, 82
Header 16F872 61

I/O 12
INCF 132, 294
INCFSZ 132, 294
INTCON register 208
Internal Oscillator 91
Interrupt sources 208
Interrupts 207
IORLW 295

Keypad 93

LIST 83
Look up table 115

Memory 2
Memory map 12C508 217
Memory map 12F629/675 218
Memory map 16C54 142
Memory map 16F818 92

- Memory map 16F84 87
- MOVF 79, 189, 295
- MOVLW 41, 295
- MOVWF 41, 295
- MPLAB 19–25

- NOP 295

- OPTION 295
- Option Register 292
- OSCCAL register 228
- Oscillator calibration, OSCCAL 218
- OSCON 90, 291
- OTP device 139

- Power supply 6
- Prescaler 86
- Program Counter 290
- Pull ups 98, 219

- Reaction Timer 266
- Registers 289
- RETFIE 211, 296
- RETLW 68, 84, 296
- RETURN 296
- RLF 296
- RRF 296

- Scan routine 100
- SLEEP 297
- Stack 292
- Status Register 91, 290
- SUBLW 68, 85, 185, 297
- Subroutine 83
- SUBWF 79, 108, 297
- SWAPF 297

- Temperature measurement 174
- Timing 12
- TMR0 290
- TRIS 298
- TRISA 46, 86
- TRISB 86

- Voltage measurement 178

- W Register 292

- XORLW 298
- XORWF 298

- Zerobit 84