

```

0x0101 A = 1
0x0201 B = 1
0x0301 C = 1
0x0401 D = 1
0x08FF Pout = 255
0x09FF Pdir = 255
0x0AFF Pullup = 255
0x0BFF Pulldown = 255
0x1001 PWM1 = 1
0x1101 PWM2 = 1
0x1201 A = A AND = 1
0x1301 A = A OR = 1
0x18FA Delay  $\mu$ s = 250
0x19FA Delay ms = 250
0x1AFA Delay s = 250
0x1BFA Delay min = 250
0x2010 Goto L1:
0x2110 Gosub L1:
0x2210 If A=B Goto L1:
0x2310 If A>B Goto L1:
0x2410 If A<B Goto L1:
0x2510 C*Goto L1:
0x2610 D*Goto L1:
0x2800 A = A + 1
0x2900 A = A - 1
0x2A00 A = A + B
0x2B00 A = A - B
0x2C00 A = A * B
0x2D00 A = A / B
0x2E00 A = A And B
0x2F00 A = A Or B
0x3000 A = A Xor B
0x3100 A = A Shl 1
0x3200 A = A Shr 1
0x3300 A = Not A
0x3400 B = A
0x3500 A = B
0x3600 C = A
0x3700 A = C
0x3800 D = A
0x3900 A = D
0x3A00 A = [B+]
0x3B00 [B+] = A
0x3C00 A = AD0
0x3D00 A = AD1
0x3E00 A = AD2
0x3F00 A = Pin
0x4000 A = Pin0
0x4100 Input A
0x4200 Print A
0x4300 PWM1 = A
0x4400 PWM2 = A
0x4500 Pout = A
0x4800 Return
0x4900 End
0x4A00 Nop

```

| ADR | CMD | DAT | |
|------|-----|-----|--|
| 0x00 | | | |
| 0x01 | | | |
| 0x02 | | | |
| 0x03 | | | |
| 0x04 | | | |
| 0x05 | | | |
| 0x06 | | | |
| 0x07 | | | |
| 0x08 | | | |
| 0x09 | | | |
| 0x0A | | | |
| 0x0B | | | |
| 0x0C | | | |
| 0x0D | | | |
| 0x0E | | | |
| 0x0F | | | |
| 0x10 | | | |
| 0x11 | | | |
| 0x12 | | | |
| 0x13 | | | |
| 0x14 | | | |
| 0x15 | | | |
| 0x16 | | | |
| 0x17 | | | |
| 0x18 | | | |
| 0x19 | | | |
| 0x1A | | | |
| 0x1B | | | |
| 0x1C | | | |
| 0x1D | | | |
| 0x1E | | | |
| 0x1F | | | |

```

0x0101 A = 1
0x0201 B = 1
0x0301 C = 1
0x0401 D = 1
0x08FF Pout = 255
0x09FF Pdir = 255
0x0AFF Pullup = 255
0x0BFF Pulldown = 255
0x1001 PWM1 = 1
0x1101 PWM2 = 1
0x1201 A = A AND = 1
0x1301 A = A OR = 1
0x18FA Delay  $\mu$ s = 250
0x19FA Delay ms = 250
0x1AFA Delay s = 250
0x1BFA Delay min = 250
0x2010 Goto L1:
0x2110 Gosub L1:
0x2210 If A=B Goto L1:
0x2310 If A>B Goto L1:
0x2410 If A<B Goto L1:
0x2510 C*Goto L1:
0x2610 D*Goto L1:
0x2800 A = A + 1
0x2900 A = A - 1
0x2A00 A = A + B
0x2B00 A = A - B
0x2C00 A = A * B
0x2D00 A = A / B
0x2E00 A = A And B
0x2F00 A = A Or B
0x3000 A = A Xor B
0x3100 A = A Shl 1
0x3200 A = A Shr 1
0x3300 A = Not A
0x3400 B = A
0x3500 A = B
0x3600 C = A
0x3700 A = C
0x3800 D = A
0x3900 A = D
0x3A00 A = [B+]
0x3B00 [B+] = A
0x3C00 A = AD0
0x3D00 A = AD1
0x3E00 A = AD2
0x3F00 A = Pin
0x4000 A = Pin0
0x4100 Input A
0x4200 Print A
0x4300 PWM1 = A
0x4400 PWM2 = A
0x4500 Pout = A
0x4800 Return
0x4900 End
0x4A00 Nop

```

| ADR | CMD | DAT | |
|------|-----|-----|--|
| 0x20 | | | |
| 0x21 | | | |
| 0x22 | | | |
| 0x23 | | | |
| 0x24 | | | |
| 0x25 | | | |
| 0x26 | | | |
| 0x27 | | | |
| 0x28 | | | |
| 0x29 | | | |
| 0x2A | | | |
| 0x2B | | | |
| 0x2C | | | |
| 0x2D | | | |
| 0x2E | | | |
| 0x2F | | | |
| 0x30 | | | |
| 0x31 | | | |
| 0x32 | | | |
| 0x33 | | | |
| 0x34 | | | |
| 0x35 | | | |
| 0x36 | | | |
| 0x37 | | | |
| 0x38 | | | |
| 0x39 | | | |
| 0x3A | | | |
| 0x3B | | | |
| 0x3C | | | |
| 0x3D | | | |
| 0x3E | | | |
| 0x3F | | | |

| ADR | CMD | DAT | |
|------|-----|-----|--|
| 0x40 | | | |
| 0x41 | | | |
| 0x42 | | | |
| 0x43 | | | |
| 0x44 | | | |
| 0x45 | | | |
| 0x46 | | | |
| 0x47 | | | |
| 0x48 | | | |
| 0x49 | | | |
| 0x4A | | | |
| 0x4B | | | |
| 0x4C | | | |
| 0x4D | | | |
| 0x4E | | | |
| 0x4F | | | |
| 0x50 | | | |
| 0x51 | | | |
| 0x52 | | | |
| 0x53 | | | |
| 0x54 | | | |
| 0x55 | | | |
| 0x56 | | | |
| 0x57 | | | |
| 0x58 | | | |
| 0x59 | | | |
| 0x5A | | | |
| 0x5B | | | |
| 0x5C | | | |
| 0x5D | | | |
| 0x5E | | | |
| 0x5F | | | |

| ADR | CMD | DAT | |
|------|-----|-----|--|
| 0x60 | | | |
| 0x61 | | | |
| 0x62 | | | |
| 0x63 | | | |
| 0x64 | | | |
| 0x65 | | | |
| 0x66 | | | |
| 0x67 | | | |
| 0x68 | | | |
| 0x69 | | | |
| 0x6A | | | |
| 0x6B | | | |
| 0x6C | | | |
| 0x6D | | | |
| 0x6E | | | |
| 0x6F | | | |
| 0x70 | | | |
| 0x71 | | | |
| 0x72 | | | |
| 0x73 | | | |
| 0x74 | | | |
| 0x75 | | | |
| 0x76 | | | |
| 0x77 | | | |
| 0x78 | | | |
| 0x79 | | | |
| 0x7A | | | |
| 0x7B | | | |
| 0x7C | | | |
| 0x7D | | | |
| 0x7E | | | |
| 0x7F | | | |

| ADR | CMD | DAT | |
|------|-----|-----|--|
| 0x80 | | | |
| 0x81 | | | |
| 0x82 | | | |
| 0x83 | | | |
| 0x84 | | | |
| 0x85 | | | |
| 0x86 | | | |
| 0x87 | | | |
| 0x88 | | | |
| 0x89 | | | |
| 0x8A | | | |
| 0x8B | | | |
| 0x8C | | | |
| 0x8D | | | |
| 0x8E | | | |
| 0x8F | | | |
| 0x90 | | | |
| 0x91 | | | |
| 0x92 | | | |
| 0x93 | | | |
| 0x94 | | | |
| 0x95 | | | |
| 0x96 | | | |
| 0x97 | | | |
| 0x98 | | | |
| 0x99 | | | |
| 0x9A | | | |
| 0x9B | | | |
| 0x9C | | | |
| 0x9D | | | |
| 0x9E | | | |
| 0x9F | | | |

| ADR | CMD | DAT | |
|------|-----|-----|--|
| 0xA0 | | | |
| 0xA1 | | | |
| 0xA2 | | | |
| 0xA3 | | | |
| 0xA4 | | | |
| 0xA5 | | | |
| 0xA6 | | | |
| 0xA7 | | | |
| 0xA8 | | | |
| 0xA9 | | | |
| 0xAA | | | |
| 0xAB | | | |
| 0xAC | | | |
| 0xAD | | | |
| 0xAE | | | |
| 0xAF | | | |
| 0xB0 | | | |
| 0xB1 | | | |
| 0xB2 | | | |
| 0xB3 | | | |
| 0xB4 | | | |
| 0xB5 | | | |
| 0xB6 | | | |
| 0xB7 | | | |
| 0xB8 | | | |
| 0xB9 | | | |
| 0xBA | | | |
| 0xBB | | | |
| 0xBC | | | |
| 0xBD | | | |
| 0xBE | | | |
| 0xBF | | | |

| ADR | CMD | DAT | |
|------|-----|-----|--|
| 0xC0 | | | |
| 0xC1 | | | |
| 0xC2 | | | |
| 0xC3 | | | |
| 0xC4 | | | |
| 0xC5 | | | |
| 0xC6 | | | |
| 0xC7 | | | |
| 0xC8 | | | |
| 0xC9 | | | |
| 0xCA | | | |
| 0xCB | | | |
| 0xCC | | | |
| 0xCD | | | |
| 0xCE | | | |
| 0xCF | | | |
| 0xD0 | | | |
| 0xD1 | | | |
| 0xD2 | | | |
| 0xD3 | | | |
| 0xD4 | | | |
| 0xD5 | | | |
| 0xD6 | | | |
| 0xD7 | | | |
| 0xD8 | | | |
| 0xD9 | | | |
| 0xDA | | | |
| 0xDB | | | |
| 0xDC | | | |
| 0xDD | | | |
| 0xDE | | | |
| 0xDF | | | |

| ADR | CMD | DAT | |
|------|-----|-----|--|
| 0xE0 | | | |
| 0xE1 | | | |
| 0xE2 | | | |
| 0xE3 | | | |
| 0xE4 | | | |
| 0xE5 | | | |
| 0xE6 | | | |
| 0xE7 | | | |
| 0xE8 | | | |
| 0xE9 | | | |
| 0xEA | | | |
| 0xEB | | | |
| 0xEC | | | |
| 0xED | | | |
| 0xEE | | | |
| 0xEF | | | |
| 0xF0 | | | |
| 0xF1 | | | |
| 0xF2 | | | |
| 0xF3 | | | |
| 0xF4 | | | |
| 0xF5 | | | |
| 0xF6 | | | |
| 0xF7 | | | |
| 0xF8 | | | |
| 0xF9 | | | |
| 0xFA | | | |
| 0xFB | | | |
| 0xFC | | | |
| 0xFD | | | |
| 0xFE | | | |
| 0xFF | | | |