1. unsigned short CRC16(puchMsg, usDataLen)
3. unsigned char \*puchMsg ; /\*message to calculate CRC upon \*/
4. unsigned short usDataLen ; /\*quantity of bytes in message \*/
6. {
7. unsigned char uchCRCHi = 0xFF ; /\*high byte of CRC initialized \*/
8. unsigned char uchCRCLo = 0xFF ; /\*low byte of CRC initialized \*/
9. unsigned uIndex ; /\*will index into CRC lookup table \*/
11. while (usDataLen--) /\*pass through message buffer \*/
12. {
13. uIndex = uchCRCHi ^ \*puchMsgg++ ; /\*calculate the CRC \*/
14. uchCRCHi = uchCRCLo ^ uchCRCHi[uIndex] ;
15. uchCRCLo = uchCRCLo[uIndex] ;
16. }
17. return (uchCRCHi << 8 | uchCRCLo) ;
18. }