

Classification:

Software Development for I-7000/M-7000 series

Question

How to calculate the checksum?

Answer

The steps to calculate the checksum are given as following:

step 1: checksum=0

step 2: for all command byte checksum = checksum + command byte

step 3: checksum=checksum&0xff

step 4 : convert checksum to ASCII high byte and ASCII low byte

for example,

command = \$012[Enter]

checksum = \$+0+1+2 = 0x24+0x30+0x31+0x32= 0xB7

checksum & 0xff = 0xB7

checksum ASCII high byte = ASCII B = 0x42

checksum ASCII low byte = ASCII 7 = 0x37

command with checksum = \$012B7[Enter]