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]

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