

Amazon ACK HMCU For 2K Page Size

Apply on M031 Series

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For 2K Page Size

- Apply on M031 series K/G.
 - Different Partition layout
 - Append global definitions in MDK projects
 - Set RO base of ACK HMCU application



Partition layout example (FLASH_SIZE=256KB)

ACK_NUMICRO_OTA_STAGING_PARTITION (256KB-2KB-6KB-124KB = 124 KB)

ACK_NUMICRO_OTA_STAGING_PARTITION_START, 0x21000
ACK_NUMICRO_OTA_PRIMARY_PARTITION_END, 0x20FFF

ACK NUMICRO OTA STAGING PARTITION END, 0x3FFFF

Flash memory: - 256 KB

ACK_NUMICRO_OTA_PRIMARY_PARTITION ((256KB-2KB-6KB)/2 = 124 KB)

ACK_NUMICRO_OTA_STATUS_PARTITION
(2 KB)

ACK_NUMICRO_OTA_LOADER_PARTITION
(6 KB)

ACK_NUMICRO_OTA_PRIMARY_PARTITION_START, 0x2000 ACK_NUMICRO_OTA_STATUS_PARTITION_END, 0x1FFF

ACK_NUMICRO_OTA_STATUS_PARTITION_START, 0x1800 ACK_NUMICRO_OTA_LOADER_PARTITION_END, 0x17FF

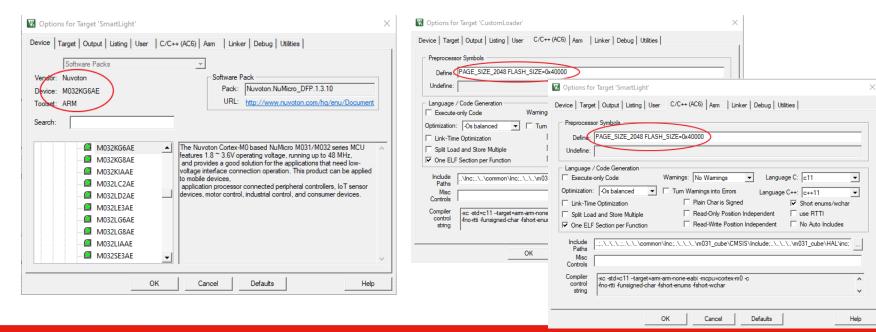
ACK_NUMICRO_OTA_LOADER_PARTITION_START, 0x0

CPU_RESET



Append global definitions in MDK projects

- Select corresponding part number.
- You should append 'PAGE_SIZE_2048 FLASH_SIZE=0x40000' in Define as below.





Set RO base of ACK HMCU application

In ack_hmcu_example.sct, set to 0x00002000.

