

BMV080 Sensor Driver Binary Size Information

SDK v11.2.0

Platform	Compiler	ROM (.text + .data) in Bytes	RAM (.data + .bss) in Bytes
ARM Cortex-M0+	ARM GCC arm-none-eabi-gcc 12.3.0	59306	16393
ARM Cortex-M33	ARM GCC arm-none-eabi-gcc 12.3.0	57640	16393
ARM Cortex-M33F	ARM GCC arm-none-eabi-gcc 12.3.0	56760	16393
ARM Cortex-M4	ARM GCC arm-none-eabi-gcc 12.3.0	57642	16393
ARM Cortex-M4F	ARM GCC arm-none-eabi-gcc 12.3.0	57012	16393
ARM Cortex-M7F	ARM GCC arm-none-eabi-gcc 12.3.0	55966	16393
Raspberry Pi ARMv6	Raspberry Pi GCC (32-bit) arm-linux-gnueabi-gcc v10.2.1	N/A	N/A
Raspberry Pi ARMv8-A	Raspberry Pi GCC (64-bit) aarch64-linux-gnu-gcc v10.2.1	N/A	N/A
Raspberry Pi ARMv8-A	Raspberry Pi GCC (32-bit) arm-linux-gnueabi-gcc v10.2.1	N/A	N/A
RISC-V RV32IMAFC	RISC-V GCC riscv-none-elf-gcc v12.3.0	66105	16477
RISC-V RV32IMC	RISC-V GCC riscv-none-elf-gcc v12.3.0	74621	16477

Platform	Compiler	ROM (.text + .data) in Bytes	RAM (.data + .bss) in Bytes
ESP32	ESP32 GCC xtensa-esp32-elf-gcc v12.2.0	67903	16477
ESP32-S2	ESP32 GCC xtensa-esp32s2-elf-gcc v12.2.0	74695	16477
ESP32-S3	ESP32 GCC xtensa-esp32s3-elf-gcc v12.2.0	67903	16477
Windows x86	Microsoft Visual Studio Professional 2019 v16.11.20	N/A	N/A
Windows x64	Microsoft Visual Studio Professional 2019 v16.11.20	N/A	N/A

Remarks:

- The size for standard library dependencies is excluded.
- Heap memory allocation is not used.
- The compilation has been done with -Os optimization flag.