Task 7 results:

STM32F4:

|  |  |  |  |
| --- | --- | --- | --- |
| **Scale** | **Image Size** | **Checksum** | **Exec Time (ms)** |
| 1,000 | 128 | 16410 | 124 |
| 1,000 | 160 | 25649 | 194 |
| 1,000 | 192 | 36933 | 280 |
| 1,000 | 224 | 50365 | 382 |
| 1,000 | 256 | 65655 | 497 |
| 10,000 | 128 | 16789 | 124 |
| 10,000 | 160 | 26181 | 194 |
| 10,000 | 192 | 37665 | 280 |
| 10,000 | 224 | 51326 | 381 |
| 10,000 | 256 | 66985 | 497 |
| 1,000,000 | 128 | 429346 | 1452 |
| 1,000,000 | 160 | 669801 | 2266 |
| 1,000,000 | 192 | 966227 | 3290 |
| 1,000,000 | 224 | 1315085 | 4451 |
| 1,000,000 | 256 | 1715815 | 5807 |

STM32F0:

|  |  |  |  |
| --- | --- | --- | --- |
| **Scale** | **Image Size** | **Checksum** | **Exec Time (ms)** |
| 1,000 | 128 | 16410 | 1761 |
| 1,000 | 160 | 25649 | 2740 |
| 1,000 | 192 | 36933 | 2963 |
| 1,000 | 224 | 50365 | 5372 |
| 1,000 | 256 | 65655 | 7062 |
| 10,000 | 128 | 16789 | 1750 |
| 10,000 | 160 | 26181 | 2722 |
| 10,000 | 192 | 37665 | 3929 |
| 10,000 | 224 | 51326 | 5332 |
| 10,000 | 256 | 66985 | 7015 |
| 1,000,000 | 128 | 429346 | 23192 |
| 1,000,000 | 160 | 669801 | 30225 |
| 1,000,000 | 192 | 966227 | 52288 |
| 1,000,000 | 224 | 1315085 | 71193 |
| 1,000,000 | 256 | 1715815 | 93014 |