



Estimation of the Debug_Capture time

$$33 \text{ instructions} * 2 \text{ cycles} * 12.5 \text{ ns} = 825 \text{ ns}$$

Results:

Min

$$9,675,136 * 12.5 \text{ ns} = .1209 \text{ sec}$$

Max

$$9,675,202 * 12.5 \text{ ns} = .1209 \text{ sec}$$

Memory 2

Address: 0x20000074

0x20000074: 00000062 0061A88A 0061A88A 0061A88A

0x20000084: 0061A88A 0061A888 0061A888 0061A888

0x20000094: 0061A888 0061A888 0061A888 0061A888

0x200000A4: 0061A888 0061A888 0061A888 0061A888

0x200000B4: 0061A893 0061A88A 0061A88A 0061A88A

0x200000C4: 0061A88A 0061A888 0061A893 0061A888

0x200000D4: 0061A888 0061A888 0061A888 0061A888

0x200000E4: 0061A888 0061A892 0061A88A 0061A88A

0x200000F4: 0061A88A 0061A88A 0061A88A 0061A888

0x20000104: 0061A888 0061A888 0061A888 0061A888

0x20000114: 0061A893 0061A88A 0061A888 0061A893

0x20000124: 0061A88A 0061A88A 0061A88A 0061A88A

0x20000134: 0061A88A 0061A888 0061A888 0061A888

0x20000144: 0061A888 0061A892 0061A88A 0061A88A

0x20000154: 0061A888 0061A888 0061A893 0061A88A

0x20000164: 0061A888 0061A888 0061A888 0061A888

0x20000174: 0061A888 0061A888 0061A888 0061A888

0x20000184: 0061A888 0061A888 0061A888 0061A888

0x20000194: 0061A888 0061A888 0061A888 0061A888

0x200001A4: 0061A888 0061A888 0061A888 0061A888

0x200001B4: 0061A888 0061A888 0061A888 0061A888

0x200001C4: 0061A888 0061A888 0061A888 0061A888

0x200001D4: 0061A888 0061A888 0061A888 0061A888

0x200001E4: 0061A888 0061A888 0061A888 0061A888

0x200001F4: 0061A888 0061A888 0061A888 0061A888

0x20000204: 20000074 20000204 003BD28E 00000000

0x20000214: 00000000 00000000 00000000 00000000

0x20000224: 00000000 00000000 00000000 00000000

0x20000234: 00000000 00000000 00000000 00000000

0x20000244: 00000000 00000000 00000000 00000000

0x20000254: 00000000 00000000 00000000 00000000

0x20000264: 00000000 00000000 00000000 00000000

0x20000274: 00000000 00000000 00000000 00000000

Call Stack + LocalsMemory 2

Memory 1

Address: 0x20000010

0x20000010: 09 0A 06 05 09

0x20000015: 0A 06 05 09 0A

0x2000001A: 06 05 09 0A 06

0x2000001F: 05 05 05 05 05

0x20000024: 05 05 06 0A 09

0x20000029: 05 06 0A 09 0A

0x2000002E: 06 05 09 0A 06

0x20000033: 05 09 0A 06 05

0x20000038: 05 05 05 06 0A

0x2000003D: 09 05 06 0A 09

0x20000042: 05 06 0A 06 05

0x20000047: 09 0A 06 06 06

0x2000004C: 06 06 06 06 06

0x20000051: 06 06 06 06 06

0x20000056: 06 06 06 06 06

0x2000005B: 06 06 06 06 06

0x20000060: 06 06 06 06 06

0x20000065: 06 06 06 06 06

0x2000006A: 06 06 06 06 06

0x2000006F: 06 06 06 06 06