| **Label** | **emory byte address** | **Hex value in the byte** |
| --- | --- | --- |
| **pp** | 0x20000000 | 78 |
|  | 0x20000001 | 56 |
|  | 0x20000002 | 34 |
|  | 0x20000003 | 12 |
| **ir** | 0x20000004 | 05 |
|  | 0x20000005 | 06 |
|  | 0x20000006 | 07 |
|  | 0x20000007 | 00 |
| **ts** | 0x20000008 | 05 |
|  | 0x20000009 | 08 |
|  | 0x2000000A | 00 |
|  | 0x2000000B | 00 |
| **fr** | 0x2000000C | 41 |
|  | 0x2000000D | 00 |
|  | 0x2000000E | 00 |
|  | 0x2000000F | 00 |
| **reg** | 0x20000010 | 12 | |
|  | 0x20000011 | 00 | |
|  | 0x20000012 | 00 | |
|  | 0x20000013 | 00 | |
|  | 0x20000014 | EC | |
|  | 0x20000015 | FF | |
|  | 0x20000016 | FF | |
|  | 0x20000017 | FF | |
|  | 0x20000018 | 0F | |
|  | 0x20000019 | 00 | |
|  | 0x2000001A | 00 | |
|  | 0x2000001B | 00 | |
|  | 0x2000001C | F6 | |
|  | 0x2000001D | FF | |
|  | 0x2000001E | FF | |
|  | 0x2000001F | FF | |
| **mem** | 0x20000020 | 00 |  | |
|  | 0x20000021 | 00 |  | |
|  | 0x20000022 | 00 |  | |
|  | 0x20000023 | 00 |  | |
|  | 0x20000024 | 00 |  | |
|  | 0x20000025 | 00 |  | |
|  | 0x20000026 | 00 |  | |
|  | 0x20000027 | 00 |
| **tmp** | 0x20000028 | 34 |
|  | 0x20000029 | 12 |
|  | 0x2000002A | 00 |
|  | 0x2000002B | 00 |
|  | 0x2000002C | 78 |
|  | 0x2000002D | 56 |
|  | 0x2000002E | 00 |
|  | 0x2000002F | 00 |