

Label	Address	Length in bytes	Value
a	0x10000020	4	42
b	0x10000024	4	???? (uninitialized)
c	0x10000028	8	a b c d e \0 ? ?
d	0x10000030	4	1 2 3 4
e	0x10000034	16	1 2 3 4
f	0x10000044	1	?

.data

x: .ascii "a"

Part	Address	Value in \$t0
a	0x10010000	0x10010000
b	0x10010004	666
c	0x10010004	154
d	0x10010004	666
e	0x10010008	1
f	0x10010010	5
g	0x10010010	5
h	0x1001000A	Exception !!!! Crash !!! Unaligned access of 4 byte word at address 0x1001000A

Big endian mode

0x04 0x05 0x06 0x07
666 = 00000000 00000000 00000010 10011010

Little endian mode

0x04 0x05 0x06 0x07
666 = 10011010 00000010 00000000 00000000