Registers

Register	Value
Core	
R0	0x2000583C
R1	0x00000028
R2	0x00000000
R3	0x20005814
R4	0x00000000
R5	0x20000008
R6	0x00000000
R7	0x00000000
R8	0x00000000
R9	0x00000000
R10	0x00000794
R11	0x00000000
R12	0x00000000
R13 (SP)	0x200057D8
R14 (LR)	0x00000631
R15 (PC)	0x00000632
xPSR	0x61000000
Banked	
System	
Internal	

Project | Registers

Command

Memory 2

Address: 0x200057F4

```
0x200057F4: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x20005813: 00 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 49 4A 4B 4C 4D 4E 4F 50 51 52 53 54
0x20005832: 55 56 57 58 59 5A 61 62 63 00 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 49 4A 4B
0x20005851: 4C 4D 4E 4F 50 51 52 53 54 55 56 57 58 59 5A 61 62 63 00 00 00 00 00 00 00 00 BB 02 00 00
0x20005870: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x2000588F: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x200058AE: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x200058CD: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x200058EC: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x2000590B: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x2000592A: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0x20005949: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
```

```
chougule@chougules-air Final_422 % ./a.out

0123456789ABCDEFGHIJKLMNOPQRSTUVWXYZabc
mem1 = 20001000
mem2 = 20001400
mem3 = 20003000
mem4 = 20002000
mem5 = 20001200
mem6 = 20001800
mem7 = 20001600
zsh: segmentation fault  ./a.out
chougule@chougules-air Final_422 % 
```