./jpeg tests ./arm-main_tb
04/16/19

chg #define DBUG 1 to #define DBUG 0 which removes the printing of hex values
String values continue to be printed
Compile jpeg
Examine where the ptrs is located
pi@mypi3-1:~/testbuilds/catzip/sw/board $ make clean ; make ; make jpeg.txt
 1000058:   5a 02 00 80   LDI   0x010050f4,R11 // 10050f4 <ptrs>
chg the location in wrsdram.cpp & rdsdram.cpp

Compile the programs arm-wrsdram & arm-rdsdram

pi@mypi3-1:~/testbuilds/catzip/sw/host $ make
./arm-wbregs 0x00A01000 0x0;./arm-wbregs 0x00A01004 0x1;./arm-zipload -v ../board/jpeg;./arm-wrsdram rgb_pack.bin;./arm-wbregs cpu 0x0f;
00a01000 (   )-> 00000000
00a01004 (   )-> 00000001
Halting the CPU
Memory regions:
        Block RAM: 00a00000 - 00a02000
        SDRAM   : 01000000 - 02000000
Loading: ../board/jpeg
Section 0: 01000000 - 01045160
Writing to MEM: 01000000-01045160
Clearing the CPUs registers
Setting PC to 01000000
The CPU should be fully loaded, you may now
start it (from reset/reboot) with:
> wbregs cpu 0x0f

CPU Status is: 0000060f
The size of the buffer is 0x00ffff or 65535 words

READ-COMPLETE
02000000 (   )-> 0000000f
spliting red sub ban

fwd lifting step onl

starting red dwt
in singlelif

> Z
CMD: Only sent 0 bytes of 3!
in singlelif

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CMD: Only sent 0 bytes of 3!
in singlelif

in singlelif

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CMD: Only sent 0 bytes of 3!
in singlelif

in singlelif

testing test_fwd

finished ted dwt
pi@mypi3-1:~/testbuilds/catzip/sw/host $ rm -f dwt.bin ;./arm-rdsdram dwt.bin

Write-COMPLETE
The size of the buffer is 0x00ffff or 65535 words

simulator fwd lifting step red sub band ./jpeg 0 1 04/16/19