

-- ++++++	x"42840000",
+++++	x"e4000027",
+++++	
Mihael Scofield de Azevedo	x"00000000",
Thauan de Souza Tavares da Silva	x"93030001",
-- ++++++	x"e390002A",
+++++	x"95050001",
+++++	x"a5020000",
	x"42840000",
use work.p_wires.all;	x"e4000027",
	x"d000001e",
entity mem_prog is	
port (ender : in reg7;	x"00000000",
instr : out reg32);	x"17270000",
	x"d000001F",
type t_prog_mem is array (0 to 127) of reg32;	
	x"00000000",
-- memoria de programa contem somente 64	x"c7000000",
palavras	x"f0000000",
constant program : t_prog_mem := (
x"10010000",	x"00000000",
x"10020000",	x"00000000",
x"10030000",	x"00000000",
x"90050100",	x"00000000",
x"11260000",	x"00000000",
x"b5600000",	x"00000000",
x"95050001",	x"00000000",
x"9f0f0010",	x"00000000",
x"90090100",	x"00000000",
x"d0000011",	x"00000000",
x"00000000",	x"00000000",
	x"00000000",
x"91010001",	x"00000000",
x"e1f00018",	x"00000000",
x"10020000",	x"00000000",
x"11260000",	x"00000000",
x"b5600000",	x"00000000",
x"95050001",	x"00000000",
	x"00000000",
x"00000000",	x"00000000",
x"92020001",	x"00000000",
x"e2f0000a",	x"00000000",
x"11260000",	x"00000000",
x"b5600000",	x"00000000",
x"95050001",	x"00000000",
x"d0000011",	x"00000000",
	x"00000000",
x"00000000",	x"00000000",
x"10070000",	x"00000000",
x"90050100",	x"00000000",
x"a5020000",	x"00000000",
x"90080003",	x"00000000",

[illegible]

```
function BV2INT7(S: reg7) return integer is
    variable result: integer;
```

```
for i in S'range loop
```

if S(i) = '1' then

end if;

```
return result;
```

```
end mem_prog;
```

architecture tabela of mem_prog is

```
instr <= program( BV2INT7(ender) );
```