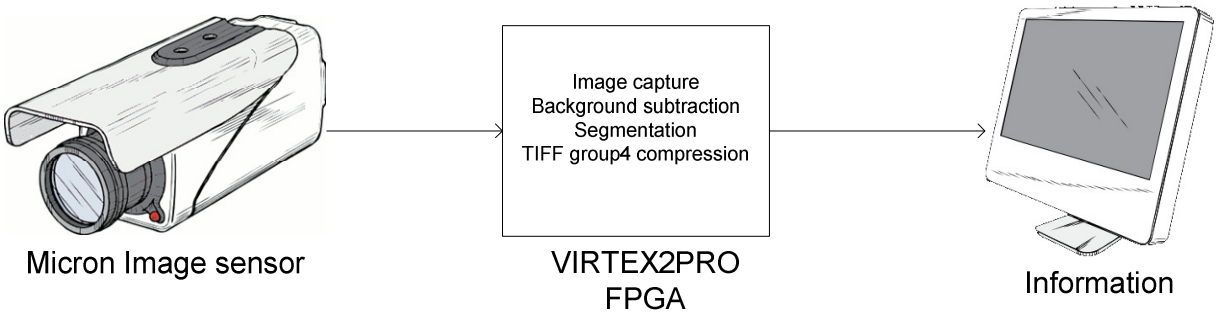
Design flow of image capturing and sending TIFF compressed images after segmentation through RS232.

This program capture image using CMOS camera, display it on the screen using VGA and send compressed data through RS232 to computer where in Docklight data is received and image is reconstraucted.



Baud rate = 115200

Parity = odd

Software = docklight

Board = Virtex2 pro university program.

```
 constant baudRate    :          std_logic_vector(12 downto 0) := conv_std_logic_vector(234,13);  -- 115 200
constant baudDivide   :          std_logic_vector(8 downto 0)      := conv_std_logic_vector(15,9); -- Used for 115 200 baud
```

234=27MHz/115200

14=234/16

Note:

This document is just for having quick references to these tutorials.

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