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*
 * HEIG-VD
 * Haute Ecole d'Ingenerie et de Gestion du Canton de Vaud
 * School of Business and Engineering in Canton de Vaud

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 *
 * REDS Institute
 * Reconfigurable Embedded Digital Systems

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 *
 * File                 : address_map_arm.h
 * Author               : Sébastien Masle
 * Date                 : 16.02.2018
 *
 * Context              : SOCF class
 *

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 *
 * Brief: provides address values that exist in the system
 *

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 * Modifications :
 * Ver    Date        Engineer      Comments
 * 0.0    16.02.2018  SMS           Initial version.
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/

#define BOARD                           "DE1-SoC"

/* Memory */
#define DDR_BASE                        0x00000000
#define DDR_END                         0x3FFFFFFF
#define A9_ONCHIP_BASE                  0xFFFF0000
#define A9_ONCHIP_END                   0xFFFFFFFF
#define SDRAM_BASE                      0xC0000000
#define SDRAM_END                       0xC3FFFFFF
#define FPGA_ONCHIP_BASE                0xC8000000
#define FPGA_ONCHIP_END                 0xC803FFFF
#define FPGA_CHAR_BASE                  0xC9000000
#define FPGA_CHAR_END                   0xC9001FFF

```