The image contains a schematic diagram of an electronic circuit. The diagram includes various components such as resistors, capacitors, and ICs, along with labels indicating their connections and functions. The schematic details the layout and connections between different parts of the circuit, which are essential for understanding how the system operates. The components are labeled with their specifications and their placements within the circuit are accurately depicted.
Title: TE0820 - DDR4_2_RAM
Number: 04CG-1EA
Rev. 03
Date: 2018-03-29
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Filename: DDR4_RAM_2_SchDoc
CHANGES REV01 to REV02
----------------------------------
1) Added MAC EEPROM (slave address)
2) LIB components update
3) Fixed SD Card connection
4) Fixed sense connection from DCDC
5) Made correct power connection for VCU (removed DCDC, added resistors and caps like as Xilinx recommended)
6) Added resistors for variants (ZU+ with/without VCU)
7) Added termination resistors (240R) to VRP pins for all HP-banks

CHANGES REV02 to REV03
----------------------------------
1) Fixed VCU connection: add additional DCDC (0.9V)
2) LIB components update
3) Change package 1K resistors (0402 -> 0201)
4) Added LEDs (1x user LED, 1x LED for ERR_STATUS, 1x LED for ERR_OUT)
5) Change obsolete 2xSPI Flash (256MBit) -> 2xSPI Flash (512MBit)
6) Added additional DCDCs (PL_VCCINT_IO, PS_FP0V85)
7) Changed DCDC (U5) 6A (optional 4A)