Date: July 30, 2025 U5_EMS_CONTROLLER.bdf Project: U5_EMS_CONTROLLER

> BMS_A14 - BMS_A20 SELECT PAGES INSIDE EACH RAM SET BMS_A21 AND BMS_A22 SELECT 1 OF 4 SETS OF 2MB = 8MB.

OE REDUCTION: WE ALWAYS LEAVE THE PAGE REG RAM ENABLED AND CONNECTED TO THE EMS POOL ADDRESS BUS, NO SWITCHING OF PAG REG RAM OUTPUTS. OE ON THE PAGE REG RAMS STAYS ON, WRITE ENABLE OVERRIDES THE OE IN THE PAGE REG RAMS FOR WRITING DATA. FOR TEST READING THE RAMS CAN BE MULTIPLEXED TO THE LOWER SD BUS TEMPORARILY TO VERIFY THE I/O OPERATIONS. SO IOR_n IS NEEDED HERE







