set\_property IOSTANDARD LVCMOS33 [get\_ports {ARBUS[7]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {ARBUS[6]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {ARBUS[5]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {ARBUS[4]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {ARBUS[3]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {ARBUS[2]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {ARBUS[1]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {ARBUS[0]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {DBUS[7]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {DBUS[6]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {DBUS[5]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {DBUS[4]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {DBUS[3]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {DBUS[2]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {DBUS[1]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {DBUS[0]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {PCBUS[7]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {PCBUS[6]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {PCBUS[5]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {PCBUS[4]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {PCBUS[3]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {PCBUS[2]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {PCBUS[1]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {PCBUS[0]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports ABUS]

set\_property IOSTANDARD LVCMOS33 [get\_ports DRW]

set\_property IOSTANDARD LVCMOS33 [get\_ports LAR]

set\_property IOSTANDARD LVCMOS33 [get\_ports LPC]

set\_property IOSTANDARD LVCMOS33 [get\_ports MBUS]

set\_property IOSTANDARD LVCMOS33 [get\_ports MEMW]

set\_property IOSTANDARD LVCMOS33 [get\_ports QD]

set\_property IOSTANDARD LVCMOS33 [get\_ports RD0]

set\_property IOSTANDARD LVCMOS33 [get\_ports RS0]

set\_property IOSTANDARD LVCMOS33 [get\_ports RD1]

set\_property IOSTANDARD LVCMOS33 [get\_ports RS1]

set\_property IOSTANDARD LVCMOS33 [get\_ports S0]

set\_property IOSTANDARD LVCMOS33 [get\_ports S1]

set\_property IOSTANDARD LVCMOS33 [get\_ports SBUS]

set\_property IOSTANDARD LVCMOS33 [get\_ports SD0]

set\_property IOSTANDARD LVCMOS33 [get\_ports SD1]

set\_property IOSTANDARD LVCMOS33 [get\_ports SD2]

set\_property IOSTANDARD LVCMOS33 [get\_ports SD3]

set\_property IOSTANDARD LVCMOS33 [get\_ports SD4]

set\_property IOSTANDARD LVCMOS33 [get\_ports SD5]

set\_property IOSTANDARD LVCMOS33 [get\_ports SD6]

set\_property IOSTANDARD LVCMOS33 [get\_ports SD7]

set\_property PACKAGE\_PIN W4 [get\_ports ABUS]

set\_property PACKAGE\_PIN R4 [get\_ports DRW]

set\_property PACKAGE\_PIN T4 [get\_ports LAR]

set\_property PACKAGE\_PIN T5 [get\_ports LPC]

set\_property PACKAGE\_PIN U5 [get\_ports MBUS]

set\_property PACKAGE\_PIN W6 [get\_ports MEMW]

set\_property PACKAGE\_PIN W5 [get\_ports RD0]

set\_property PACKAGE\_PIN U6 [get\_ports RD1]

set\_property PACKAGE\_PIN V5 [get\_ports RS0]

set\_property PACKAGE\_PIN R6 [get\_ports RS1]

set\_property PACKAGE\_PIN T6 [get\_ports S0]

set\_property PACKAGE\_PIN Y6 [get\_ports S1]

set\_property PACKAGE\_PIN AA6 [get\_ports SBUS]

set\_property PACKAGE\_PIN V7 [get\_ports SD0]

set\_property PACKAGE\_PIN AB7 [get\_ports SD1]

set\_property PACKAGE\_PIN AB6 [get\_ports SD2]

set\_property PACKAGE\_PIN V9 [get\_ports SD3]

set\_property PACKAGE\_PIN V8 [get\_ports SD4]

set\_property PACKAGE\_PIN AA8 [get\_ports SD5]

set\_property PACKAGE\_PIN AB8 [get\_ports SD6]

set\_property PACKAGE\_PIN Y8 [get\_ports SD7]

set\_property PACKAGE\_PIN P4 [get\_ports QD]

set\_property PACKAGE\_PIN K17 [get\_ports {DBUS[7]}]

set\_property PACKAGE\_PIN L13 [get\_ports {DBUS[6]}]

set\_property PACKAGE\_PIN M13 [get\_ports {DBUS[5]}]

set\_property PACKAGE\_PIN K14 [get\_ports {DBUS[4]}]

set\_property PACKAGE\_PIN K13 [get\_ports {DBUS[3]}]

set\_property PACKAGE\_PIN M20 [get\_ports {DBUS[2]}]

set\_property PACKAGE\_PIN N20 [get\_ports {DBUS[1]}]

set\_property PACKAGE\_PIN N19 [get\_ports {DBUS[0]}]

set\_property PACKAGE\_PIN M17 [get\_ports {ARBUS[7]}]

set\_property PACKAGE\_PIN M16 [get\_ports {ARBUS[6]}]

set\_property PACKAGE\_PIN M15 [get\_ports {ARBUS[5]}]

set\_property PACKAGE\_PIN K16 [get\_ports {ARBUS[4]}]

set\_property PACKAGE\_PIN L16 [get\_ports {ARBUS[3]}]

set\_property PACKAGE\_PIN L15 [get\_ports {ARBUS[2]}]

set\_property PACKAGE\_PIN L14 [get\_ports {ARBUS[1]}]

set\_property PACKAGE\_PIN J17 [get\_ports {ARBUS[0]}]

set\_property PACKAGE\_PIN F21 [get\_ports {PCBUS[7]}]

set\_property PACKAGE\_PIN G22 [get\_ports {PCBUS[6]}]

set\_property PACKAGE\_PIN G21 [get\_ports {PCBUS[5]}]

set\_property PACKAGE\_PIN D21 [get\_ports {PCBUS[4]}]

set\_property PACKAGE\_PIN E21 [get\_ports {PCBUS[3]}]

set\_property PACKAGE\_PIN D22 [get\_ports {PCBUS[2]}]

set\_property PACKAGE\_PIN E22 [get\_ports {PCBUS[1]}]

set\_property PACKAGE\_PIN A21 [get\_ports {PCBUS[0]}]

set\_property CLOCK\_DEDICATED\_ROUTE FALSE [get\_nets QD]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard[7]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard[6]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard[5]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard[4]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard[3]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard[2]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard[1]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard[0]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard\_val[6]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard\_val[5]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard\_val[4]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard\_val[3]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard\_val[2]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard\_val[1]}]

set\_property IOSTANDARD LVCMOS33 [get\_ports {keyboard\_val[0]}]

set\_property PACKAGE\_PIN Y18 [get\_ports i\_clk]

set\_property IOSTANDARD LVCMOS33 [get\_ports i\_clk]

set\_property PACKAGE\_PIN A18 [get\_ports {keyboard[7]}]

set\_property PACKAGE\_PIN A20 [get\_ports {keyboard[6]}]

set\_property PACKAGE\_PIN B20 [get\_ports {keyboard[5]}]

set\_property PACKAGE\_PIN E18 [get\_ports {keyboard[4]}]

set\_property PACKAGE\_PIN F18 [get\_ports {keyboard[3]}]

set\_property PACKAGE\_PIN D19 [get\_ports {keyboard[2]}]

set\_property PACKAGE\_PIN E19 [get\_ports {keyboard[1]}]

set\_property PACKAGE\_PIN C19 [get\_ports {keyboard[0]}]

set\_property PACKAGE\_PIN F15 [get\_ports {keyboard\_val[6]}]

set\_property PACKAGE\_PIN F13 [get\_ports {keyboard\_val[5]}]

set\_property PACKAGE\_PIN F14 [get\_ports {keyboard\_val[4]}]

set\_property PACKAGE\_PIN F16 [get\_ports {keyboard\_val[3]}]

set\_property PACKAGE\_PIN E17 [get\_ports {keyboard\_val[2]}]

set\_property PACKAGE\_PIN C14 [get\_ports {keyboard\_val[1]}]

set\_property PACKAGE\_PIN C15 [get\_ports {keyboard\_val[0]}]