deposit[9..0]   depositall

du:myDU

cu:myCU

clk

clrA   clrA

clrRchange   clrRchange

clrRdeposit   clrRdeposit

clrRprice   clrRprice

clrRproduct   clrRproduct

clrRpurchase   clrRpurchase

cancel   cancel   clrRselect   clrRselect

clk   clk   depositall   deposit[9..0]   change[9..0]   change[9..0]

deposited   deposited   ldA   ldA   product[4..0]   product[4..0]

maintenance   maintenance ldMprice   ldMprice   purchase

purchase   purchase   ldMquantity   ldMquantity   refund

rst   rst   ldRchange   ldRchange   refund

selected   selected   ldRdeposit   ldRdeposit

ldRprice   ldRprice

ldRproduct   ldRproduct

ldRpurchase   ldRpurchase

ldRselect   ldRselect

refundall   price[9..0]

state[2..0]   rst

price[9..0]   select[4..0]

refundall

select[4..0]   state[2..0]