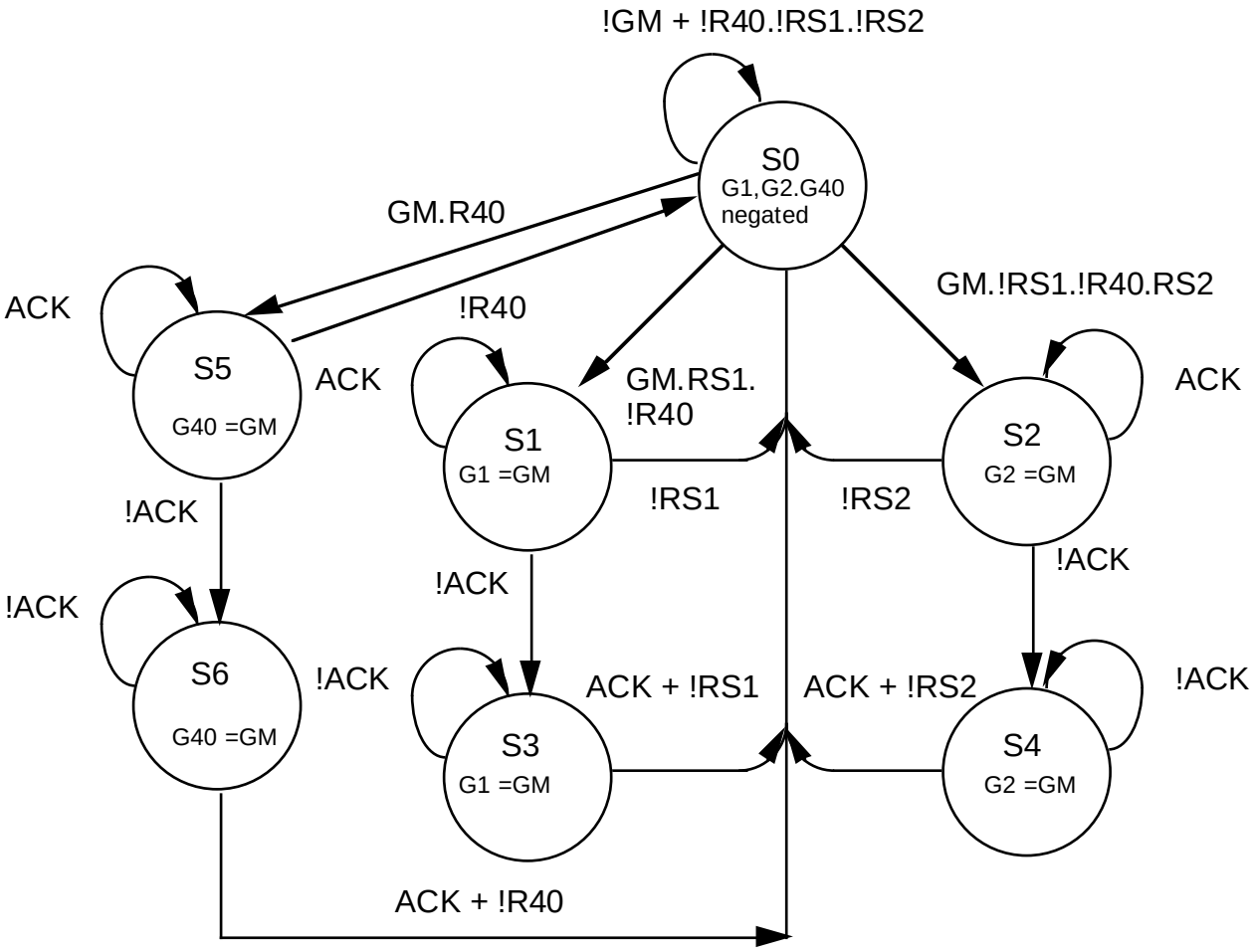
Bus Arbitration State Machine

In the following state machine the 040 has the highest priority, followed by the QUICC Slave 1 and then the QUICC Slave 2.



GM = BG QUICC Master
R40 = BR 040
RS1 = BR QUICC Slave 1
RS2 = BR QUICC Slave 2
ACK = Bus Grant Acknowledge

RM = R40 + RS1 + RS2

RM = BR QUICC Master
G40 = BG 040
G1 = BG QUICC Slave 1
G2 = BG QUICC Slave 2

! = negated signal

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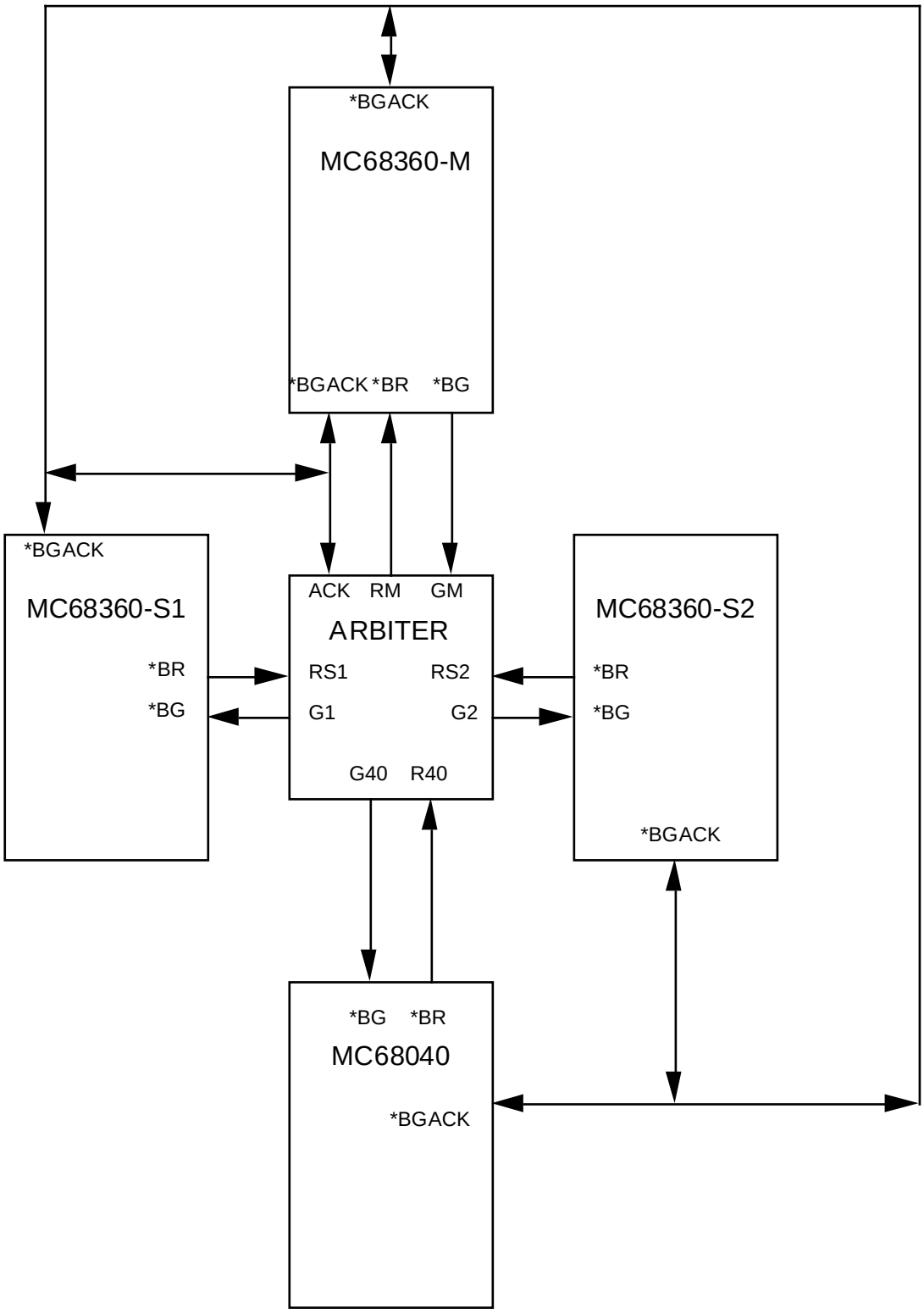
Bus Arbitration Block Diagram



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