

GB MODULE D RANK DATA ENTRY

112 ijk enter Si with Si, Sj shifted left Ak

Ak Shift Data (before complementing)

Bits 0-5 Bit 6

Shift count = 0 Sj
Result = Si

D Rank Handles Shift 64

Ak Shift Data (before complementing)

Bits 0-5 Bit 6

Ak Shift Data (before complementing)

Bits 0-5 Bit 6

Shift count = 64
Result = Sj

Ak Shift Data (before complementing)

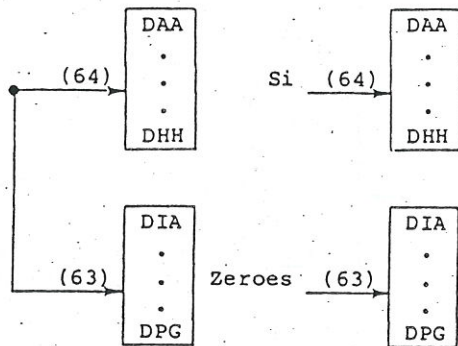
Bits 0-5 Bit 6 Sj

Two's complement of shift count performed on GB Module

CP6

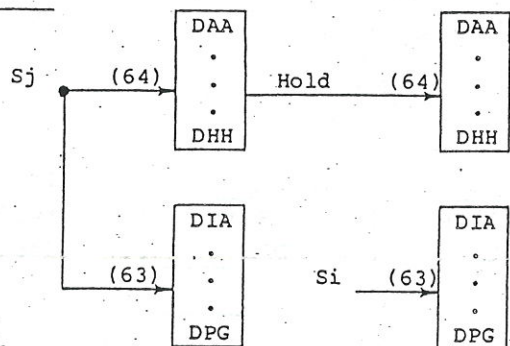
CP7

Shift of 64 is taken care of at this point



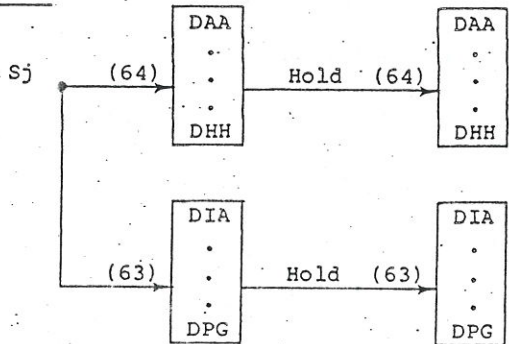
Result Window

The maximum shift after CP7 time is 63 more places.



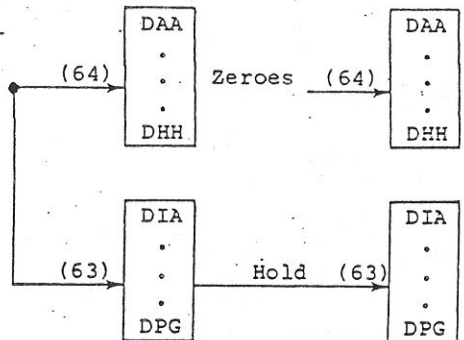
Result Window

The maximum shift after CP7 time is 63 more places.



Result Window

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Result Window

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Hardware

63 Bits	64 Bits
DIA	DAA