RECIPROCAL ITERATION
ROUND CONTROL
(126,156)

(1)
MA

OJB

CP 5   CP 5
CP 6/HOLD   CP 6/HOLD

HOLD FOR VL

QJQ

CP 6/HOLD

RECIPROCAL ITERATION ROUND CONTROL IS
USED TO GATE THE RECIPROCAL ITERATION
ROUND BITS INTO THE PYRAMID ADD PROCESS.
THESE ROUND BITS, AS FAR AS THE MA'S
PORTION IS CONCERNED, ARE SPECIFIC TO
THE RECIPROCAL ITERATION INSTRUCTIONS.

square root

B-2381A

JGD

CP 5
QGB

156-CP 5
QKC

CP 4   CP 4
QGA

126-CP 4
QKA

CP 4
QEB

CP 4
QFB

CP 4
QCB

IUA
JB

FUNCTIONAL UNIT ENABLE
VECTOR LENGTH CONTROL
154-157 INSTRUCTIONS

126 INSTRUCTION   CP 3
156 INSTRUCTION   CP 3

124-127 INSTRUCTIONS
SCALAR-SCALAR MULTIPLY,
RECIPROCAL ITERATION, OR
SQUARE ROOT ITERATION

CP 3
QAA
IVA
JA VIA WA

MODE BIT j
f FIELD 2^0
CP 3
QEA
IVE
JA VIA WA

MODE BIT k
f FIELD 2^1
CP 3
QFA
IVF
JA VIA WA

154-157 INSTRUCTIONS
SCALAR-VECTOR OR VECTOR-   IVC
VECTOR MULT., RECIPROCAL   JA VIA WA
OR SQUARE ROOT ITERATIONS QCA
CP 3

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ME MODULE RECIPROCAL ITERATION ROUND CONTROL