

VB MODULE SHIFTS

The VB module hardware performs right shifts. To shift left the incoming operand is flipped end for end, a right shift is performed, and the result is again flipped end for end and sent out. All shifts are end off and zero fill.

Examples:

Rights shift 3 End off

1	0	0	1	1	1	0	0	Operand
0	0	0	1	0	0	1	1	Right shifted result

Zero fill

Left shift 3

1	0	0	1	1	1	0	0	Operand
0	0	1	1	1	0	0	1	Flip end for end
0	0	0	0	0	1	1	1	Right shift
1	1	1	0	0	0	0	0	Flip end for end Result

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