

a sl b	shift left logical	bit_vector	integer	bit_vector
a srl b	shift right logical			
a sla b	shift left arithmetic			
a srl b	shift right arithmetic			
a rol b	rotate left			
a ror b	rotate right			
a = b	equal to	any	same as a	boolean
a /= b	not equal to			
a < b	less than	scalar or 1-D array	same as a	boolean
a <= b	less than or equal to			
a > b	greater than			
a >= b	greater than or equal to			
a and b	and	boolean, bit,	same as a	boolean, bit,
a or b	or	bit_vector		bit_vector
a xor b	xor			
a nand b	nand			
a nor b	nor			
a xnor b	xnor			