

**Table 4.2** Verilog operators.

Operator type	Operator symbols	Operation performed	Number of operands
Bitwise	~	1's complement	1
	&	Bitwise AND	2
		Bitwise OR	2
	^	Bitwise XOR	2
	~ ^ or ^ ~	Bitwise XNOR	2
Logical	!	NOT	1
	&&	AND	2
		OR	2
Reduction	&	Reduction AND	1
	~&	Reduction NAND	1
		Reduction OR	1
	~	Reduction NOR	1
	^	Reduction XOR	1
	~^ or ^ ~	Reduction XNOR	1