

Division

Function symbol	Description	Reference
DIV	Outputs the quotient of input values $((s1) \div (s2))$.	Page 1306
DIV_E		

Remainder

Function symbol	Description	Reference
MOD	Outputs the remainder of input values $((s1) \div (s2))$.	Page 1308
MOD_E		

Exponentiation

Function symbol	Description	Reference
EXPT	Outputs the exponentiation of an input value.	Page 1310
EXPT_E		

Move operation

Function symbol	Description	Reference
MOVE	Assigns an input value to (d).	Page 1312
MOVE_E		

Standard bit shift functions

Shifting n-bit data to left/right

Function symbol	Description	Reference
SHL	Shifts an input value leftward by (n) bits and outputs the result.	Page 1314
SHL_E		
SHR	Shifts an input value rightward by (n) bits and outputs the result.	Page 1316
SHR_E		

Rotating n-bit data to left/right

Function symbol	Description	Reference
ROL	Rotates an input value leftward by (n) bits and outputs the result.	Page 1318
ROL_E		
ROR	Rotates an input value rightward by (n) bits and outputs the result.	Page 1320
ROR_E		

Standard bitwise boolean functions

AND operation, OR operation, XOR operation, NOT operation

Function symbol	Description	Reference
AND	Outputs the logical product of input values.	Page 1322
AND_E		
OR		
OR_E	Outputs the logical sum of input values.	
XOR		
XOR_E		
NOT	Outputs the exclusive logical sum of input values.	
NOT E		
	Outputs the logical negation of input values.	Page 1324