TABLE 11-17: PORTJ FUNCTIONS

Pin Name	Function	TRIS Setting	I/O	I/O Type	Description
RJ0/ALE	RJ0	0	O	DIG	LATJ<0> data output.
		1	I	ST	PORTJ<0> data input.
	ALE	x	O	DIG	External memory interface address latch enable control output. Takes priority over digital I/O.
RJ1/$\overline{OE}$	RJ1	0	O	DIG	LATJ<1> data output.
		1	I	ST	PORTJ<1> data input.
	$\overline{OE}$	x	O	DIG	External memory interface output enable control output. Takes priority over digital I/O.
RJ2/$\overline{WRL}$	RJ2	0	O	DIG	LATJ<2> data output.
		1	I	ST	PORTJ<2> data input.
	$\overline{WRL}$	x	O	DIG	External Memory Bus write low byte control. Takes priority over digital I/O.
RJ3/$\overline{WRH}$	RJ3	0	O	DIG	LATJ<3> data output.
		1	I	ST	PORTJ<3> data input.
	$\overline{WRH}$	x	O	DIG	External memory interface write high byte control output. Takes priority over digital I/O.
RJ4/BA0	RJ4	0	O	DIG	LATJ<4> data output.
		1	I	ST	PORTJ<4> data input.
	BA0	x	O	DIG	External memory interface byte address 0 control output. Takes priority over digital I/O.
RJ5/$\overline{CE}$	RJ5	0	O	DIG	LATJ<5> data output.
		1	I	ST	PORTJ<5> data input.
	$\overline{CE}$	x	O	DIG	External memory interface chip enable control output. Takes priority over digital I/O.
RJ6/$\overline{LB}$	RJ6	0	O	DIG	LATJ<6> data output.
		1	I	ST	PORTJ<6> data input.
	$\overline{LB}$	x	O	DIG	External memory interface lower byte enable control output. Takes priority over digital I/O.
RJ7/$\overline{UB}$	RJ7	0	O	DIG	LATJ<7> data output.
		1	I	ST	PORTJ<7> data input.
	$\overline{UB}$	x	O	DIG	External memory interface upper byte enable control output. Takes priority over digital I/O.

Legend: PWR = Power Supply, O = Output, I = Input, ANA = Analog Signal, DIG = Digital Output, ST = Schmitt Buffer Input, TTL = TTL Buffer Input, x = Don't care (TRIS bit does not affect port direction or is overridden for this option).

TABLE 11-18: SUMMARY OF REGISTERS ASSOCIATED WITH PORTJ

Name	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0	Reset Values on page
PORTJ	RJ7	RJ6	RJ5	RJ4	RJ3	RJ2	RJ1	RJ0	60
LATJ	LATJ7	LATJ6	LATJ5	LATJ4	LATJ3	LATJ2	LATJ1	LATJ0	60
TRISJ	TRISJ7	TRISJ6	TRISJ5	TRISJ4	TRISJ3	TRISJ2	TRISJ1	TRISJ0	60