

QL Keyboard Matrix

J12											
	1	2	3 (1)	4 (2)	5 (3)	6 (4)	7 (5)	8 (6)	9 (7)	10 (8)	11
J11	1			F1	F2	F3	4	5	7	F4	F5
	2			2	q	e	t	6	u	8	0
	3			w	TAB	r	y	i	o	9	-
	4			3	1	a	d	h	j	l	p
	5			CAPS	s	f	g	k	;	[=
	6			z	c	b	m	.	']	`
	7			CTRL	x	v	n	ALT	,	SHIFT	/
	8			←	ESC	→	Space	↑	↓	Return	\
	9	CTRL	SHIFT								ALT

Note:

J12 pins 1,2 and 11 are actually connected to pins 1, 7 and 5 through diodes and hence scan there.

Similarly J11 pin 9 is connected to pin 7 via a diode and is scanned there.