

					extra bit for the second set of characters								
b7					0	0	0	0	1	1	1	1	
b6					0	0	1	1	0	0	1	1	
b5					0	1	0	1	0	1	0	1	
b4													
r o w	b3	b2	b1	b0	r\s	0	1	2	3	4	5	6	7
						c o l u m n							
	0	0	0	0	0	NUL	DLE	SP	0	@	P	`	p
	0	0	0	1	1	SOH	DC1	!	1	A	Q	a	q
	0	0	1	0	2	STX	DC2	"	2	B	R	q	r
	0	0	1	1	3	ETX	DC3	#	3	C	S	c	s
	0	1	0	0	4	EOT	DC4	\$	4	D	T	d	t
	0	1	0	1	5	ENQ	NAK	%	5	E	U	e	u
	0	1	1	0	6	ACK	SYN	&	6	F	V	f	v
	0	1	1	1	7	BEL	ETB	'	7	G	W	g	w
	1	0	0	0	8	BS	CAN	(	8	H	X	h	x
	1	0	0	1	9	HT	EM	)	9	I	T	i	t
	1	0	1	0	A	LF	SUB	*	:	J	Z	j	z
	1	0	1	1	B	UT	ESC	+	;	K	[	k	{
	1	1	0	0	C	FF	FS	,	<	L	\	l	
	1	1	0	1	D	CR	GS	-	=	M	]	m	}
	1	1	1	0	E	SO	RS	.	>	N	^	n	~
	1	1	1	1	F	SI	US	/	?	O	_	o	DEL