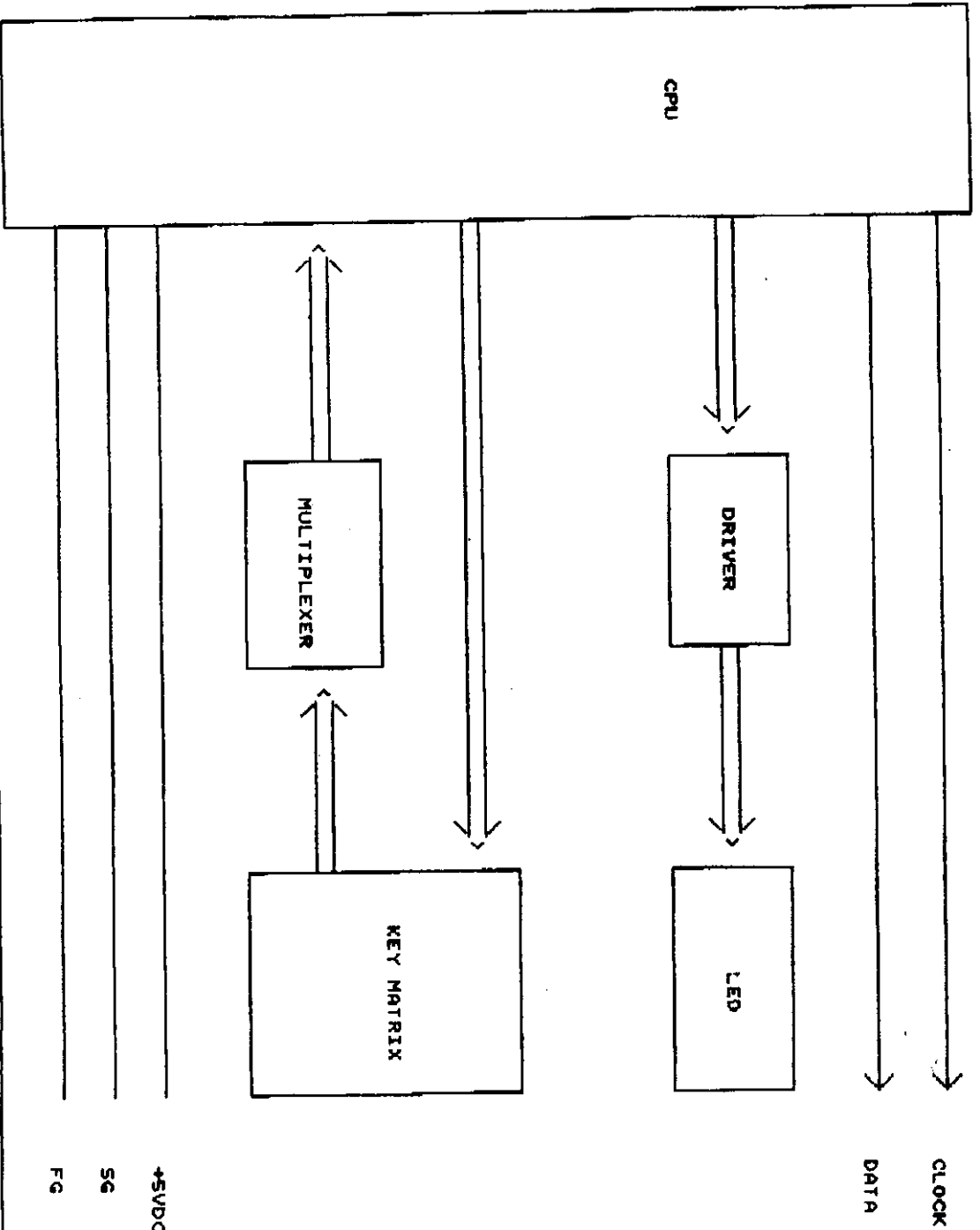


EXHIBIT D

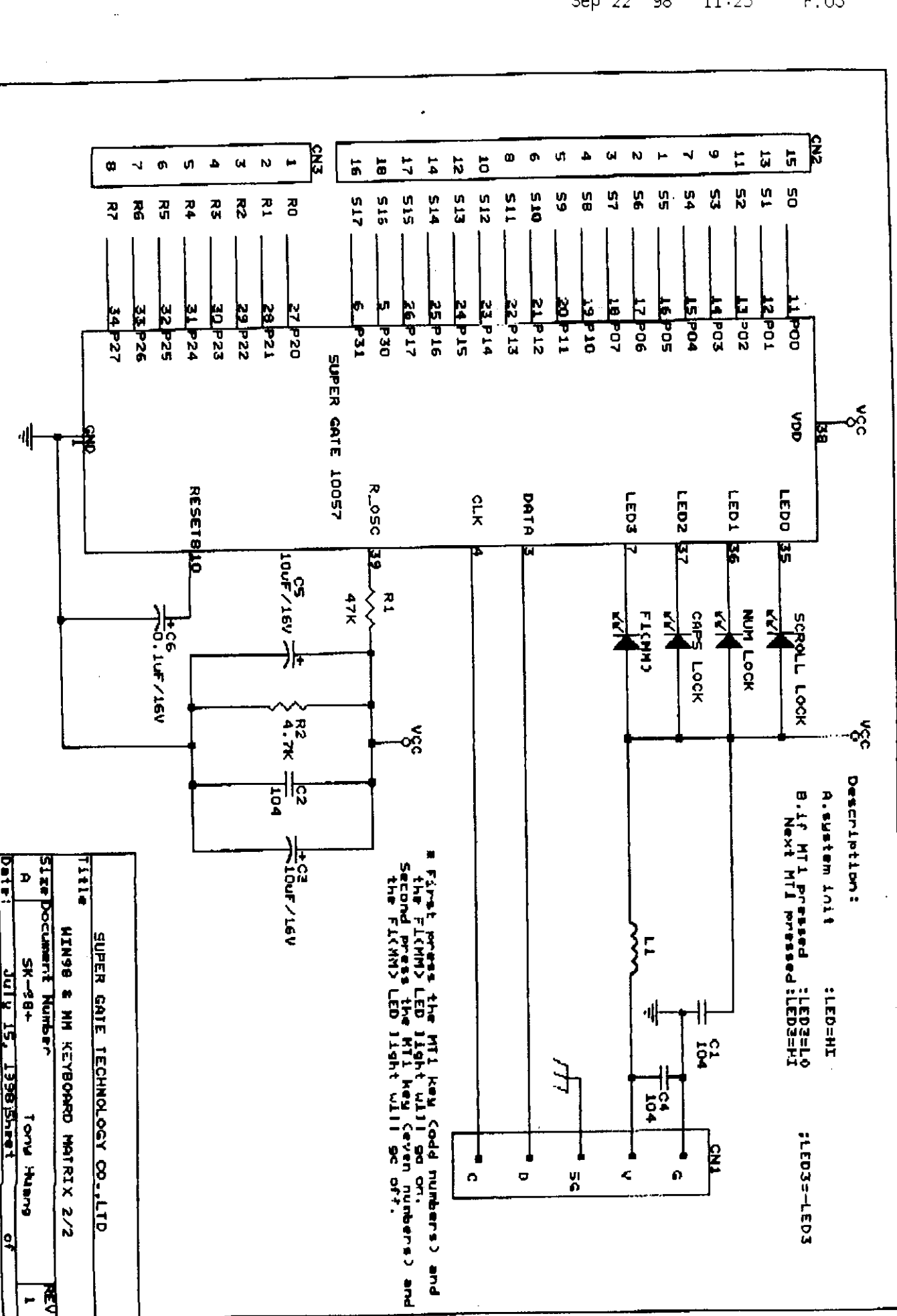
Block Diagram



Title		
SUPER GATE TECHNOLOGY CO., LTD		
Size Document Number		
A	SG-3000 KEYBOARD	REV
Date: September 22, 1998 Sheet		0
		of

EXHIBIT E

Circuit Diagram



SUPER GATE TECHNOLOGY CO.,LTD	
Title: WIN98 & MM KEYBOARD MATRIX 2/2	
Site Document Number: SK-28+	
Date: July 15, 1998	
Author: Tony Huang	
REV: 1	

	R0	R1	R2	R3	R4	R5	R6	R7	
	Pause				CR) Ctr) 1		CL) Ctr) 1		F5
S0	2	Tab	A	Esc	Z	K121			1
S1	N	Cap's Lock	5	K45 Macro	X	K132	F1		2
S2	E	F3	D	F4	C	K133	F2		3
S3	R		F	G	V	B	X		4
S4	U	Y	J	H	M	N	^		5
S5	I	J	K	F5	<	K56	+		6
S6	O	F7	L		>	APP	FB		7
S7	P			"	'	?			8
S8	Scroll Lock			CL) Alt	CR) Alt				Print Screen
S9	K14	Back space	1	F11	Enter	F12	F9	F10	K134
S10	7 Home	4 ←	1	Space	Num Lock	↓	Delete	K135	
S11	8 ↑	5	2 ↓	D	/	→	Insert	K135	
S12	9 Page Up	6 →	3 Page Down	Del	=	-	Page Up	Page Down	
S13	-	K107	(R) Enter			←	Home	End	
S14		CL) Shift	(R) Shift		MT1				
S15		KINCL)				MT2	MT4		
S16							MT3		
S17									

WIN98 & MM KEYBOARD

ENGLISH -K29

EUROPE -K42,K45

KOREA -K124,K135

BRAZIL -K45,K56,K107

JAPAN -K14,K56,K131,K132,K133

SCAN CODE : MAKE BREAK

MT1 SET1 : 68 EO,68
F1CM)SET2 : 68 FO,68
SET3 : 68

MT2 SET1 : EO,5E EO,DE
POWER SET2 : EO,37 EO,FO,37

MT3 SET1 : EO,5F EO,DF
SLEEP SET2 : EO,3F EO,FO,3F

MT4 SET1 : EO,63 EO,E3
WAKEUP SET2 : EO,5E EO,FO,5E

K134 SET1 : F1 F1
SET2 : F1 F1
SET3 : F1 F1

K135 SET1 : FO FO
SET2 : F2 F2
SET3 : F2 F2

K131 SET1 : 78 FB
SET2 : 67 FO,67

K132 SET1 : 79 F9
SET2 : 64 FO,64

K133 SET1 : 70 FO
SET2 : 13 FO,13

K107 SET1 : 7E FE
SET2 : 6D FO,6D