

FCC 1-800-563-6336

1-800-563-6336

April 29, 1999



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Mr. Joe Dichoso
Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, Maryland
21046 USA

Dear Mr. Dichoso: **Our File Ref. FCC ID: F5399SSZ32**
 Confirmation no.: EA93749
 Correspondence Reference no.: 7390
 Applicant: Digital Security Controls Ltd.

Enclosed, please find a larger version of the schematics which you requested by e-mail to Tom Tidwell on April 23, 1999.

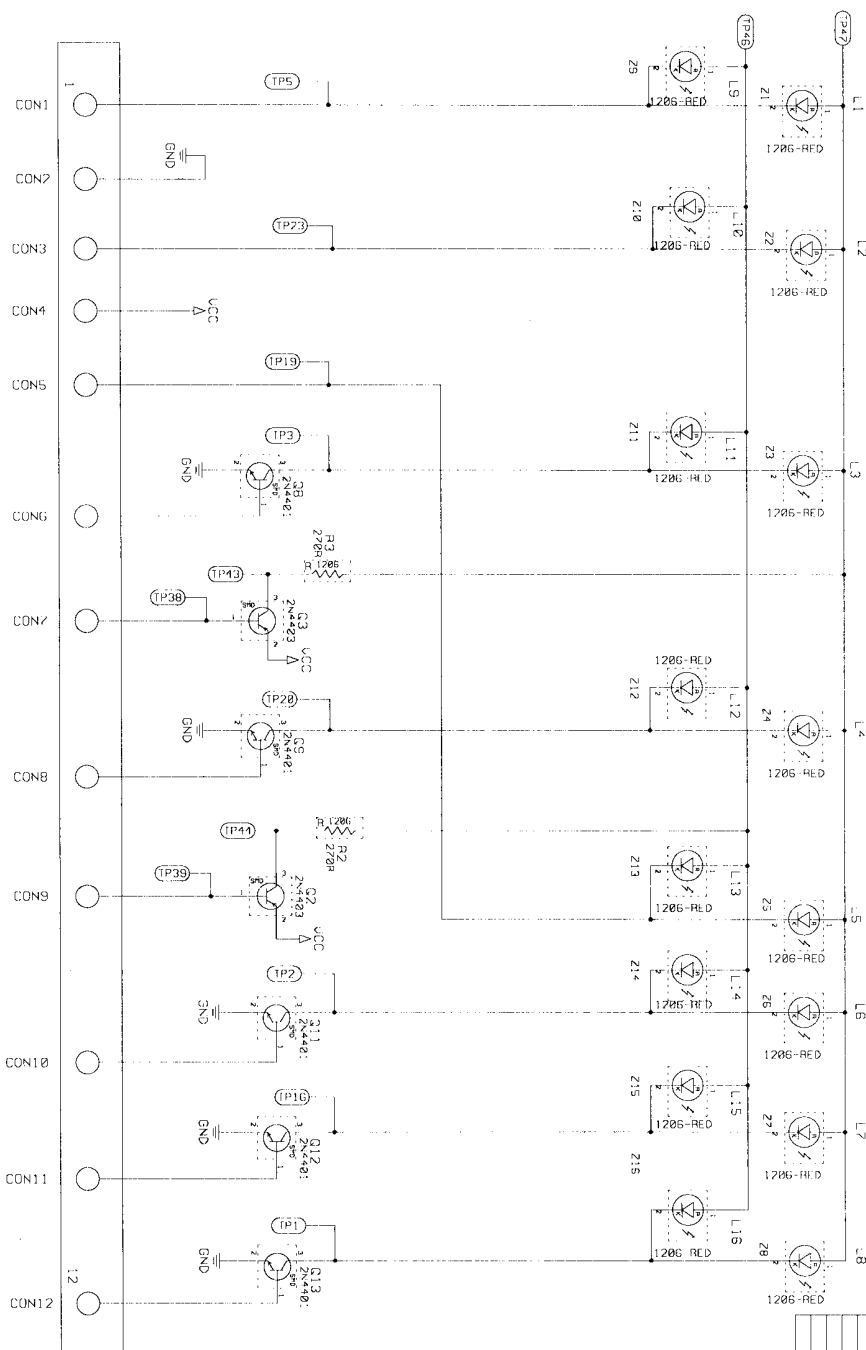
Sincerely,

Ruby Dulmage
Administrative Clerk
KTL Ottawa

Encl.

REVISION HISTORY

REV	REV DATE	ECN/R+D	ZONE	DESIGNATOR	CHANGE FROM	CHANGE TO
01x1	2ND098	2168	B3	R1, R2	THROUGH HOLE	SHD
01x1	2ND098	2168		REVISION	01x1	01x2



FCC ID: F539988732

DIGITAL SECURITY CONTROLS LTD.
1645 FLINT RD, DOWNSVIEW
ONTARIO, CANADA M3J 2J6

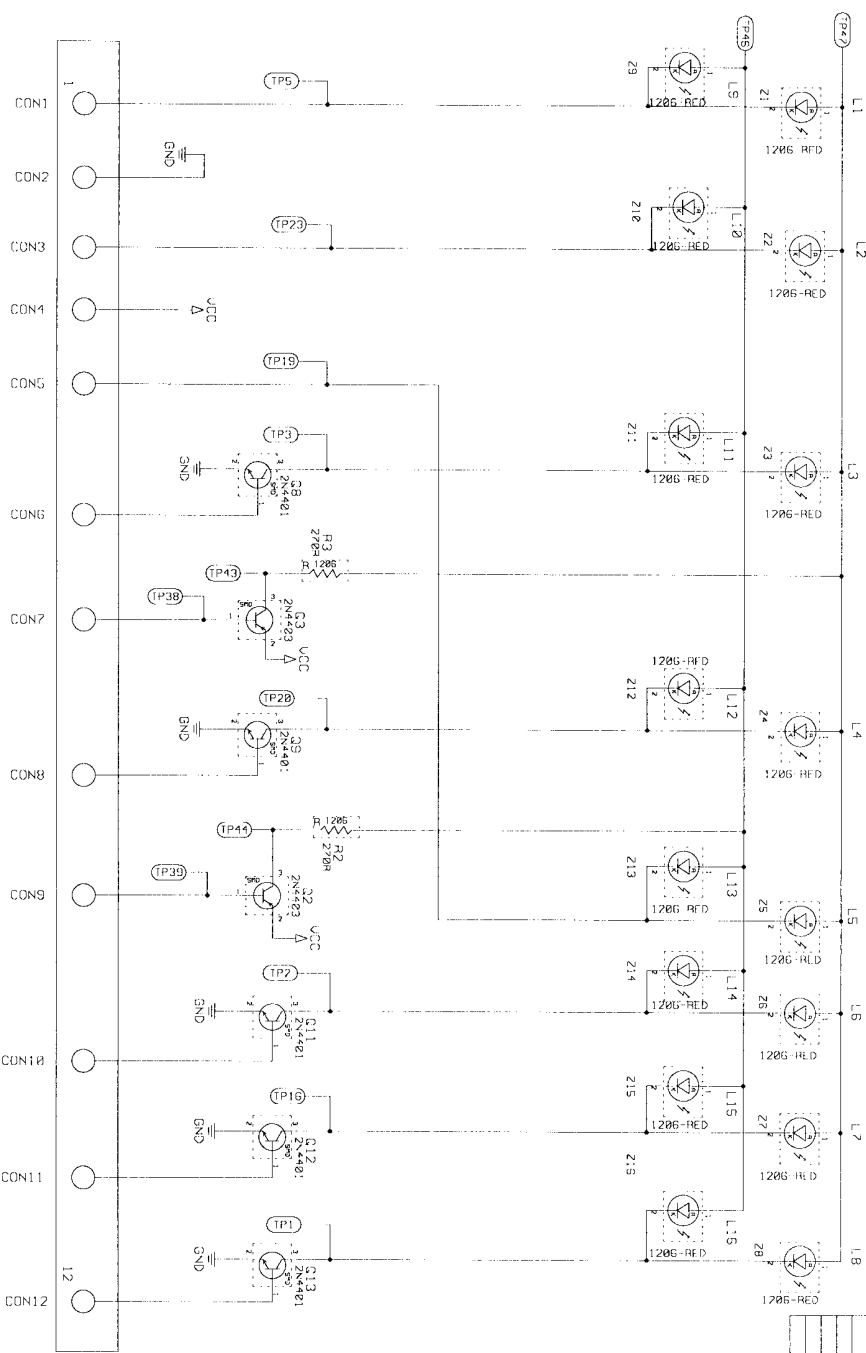
UAF092

01XZ

File	AR052.SCH	Drawn by	N.Z	Date	4/11/98
Project #		Sheet		Scale	
Last update	28CCT98	Update by	N.Z		
Originator	DLS# B-01-01072				

REVISION HISTORY

REV	DATE	DESCRIPTION	DESIGNATOR	CHANGE FROM	CHANGE TO
01X1	2004/98	2159	B3	THROUGH HOLE	SMD
01X1	2004/98	2159	REVUSION	01X1	01X2



FCC ID: FS3988732

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REFERENCE DESIGNATORS	NOT USED	APPROVALS	REVISION APPROVED BY
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DIGITAL SECURITY CONTROLS LTD.	
1545 FLINT RD, DOWNSVIEW	
ONTARIO, CANADA M3J 2J6	
Title	LA092
Project #	LA092
Project Name	LA092
Project Manager	LA092
Project Engineer	LA092
Project Designer	LA092
Project Checker	LA092
Project Approver	LA092
Project Release	LA092
Project Date	LA092
Project Version	LA092
Project Revision	LA092
Project Change	LA092
Project Description	LA092
Project Details	LA092
Project Notes	LA092
Project Comments	LA092
Project History	LA092
Project Status	LA092
Project Location	LA092
Project Contact	LA092
Project Phone	LA092
Project Fax	LA092
Project Email	LA092
Project Website	LA092
Project Social Media	LA092
Project Other	LA092

TP43
TP44
TP47

TP1
TP16

TP22
TP3

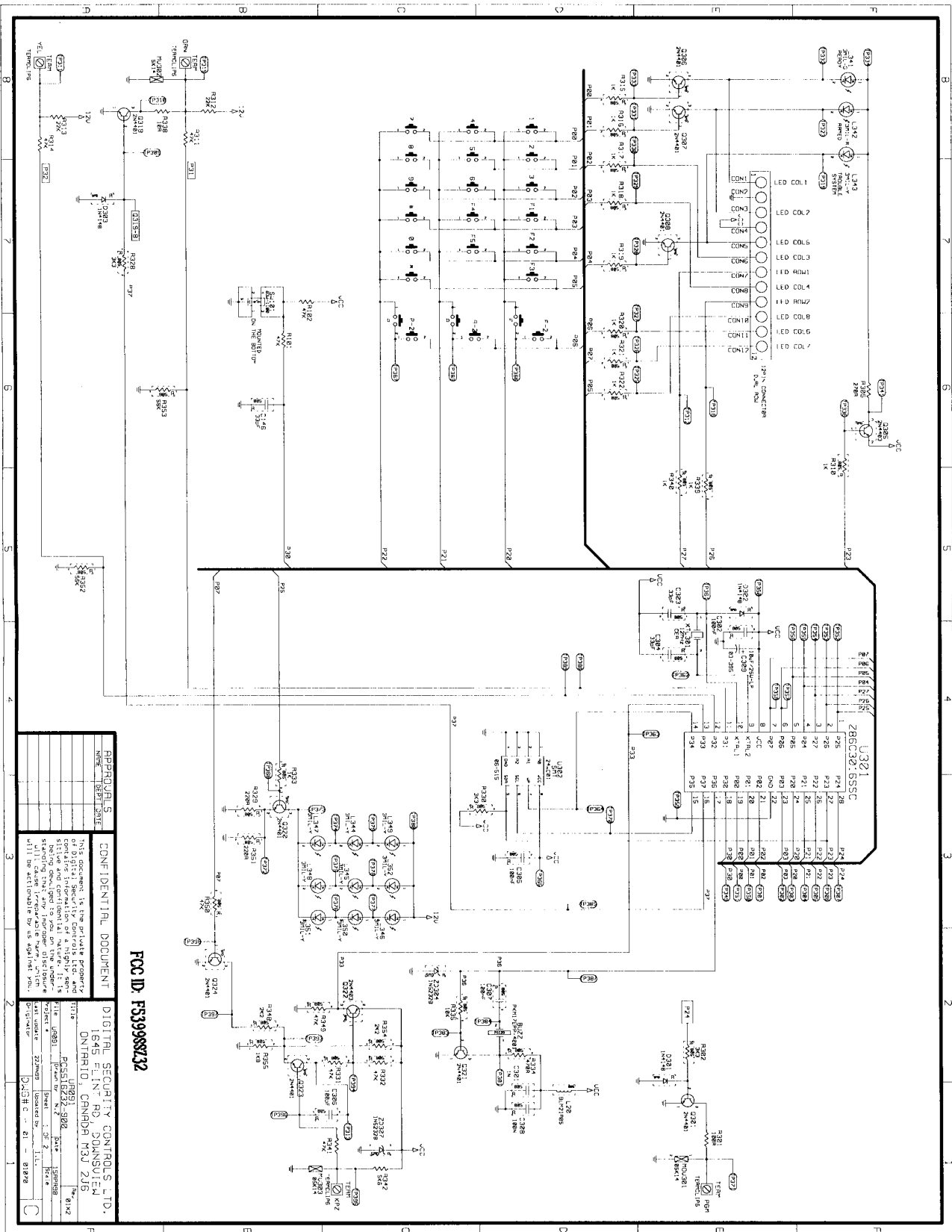
TP5
TP23
TP15
TP38
TP36

TP2

TP45

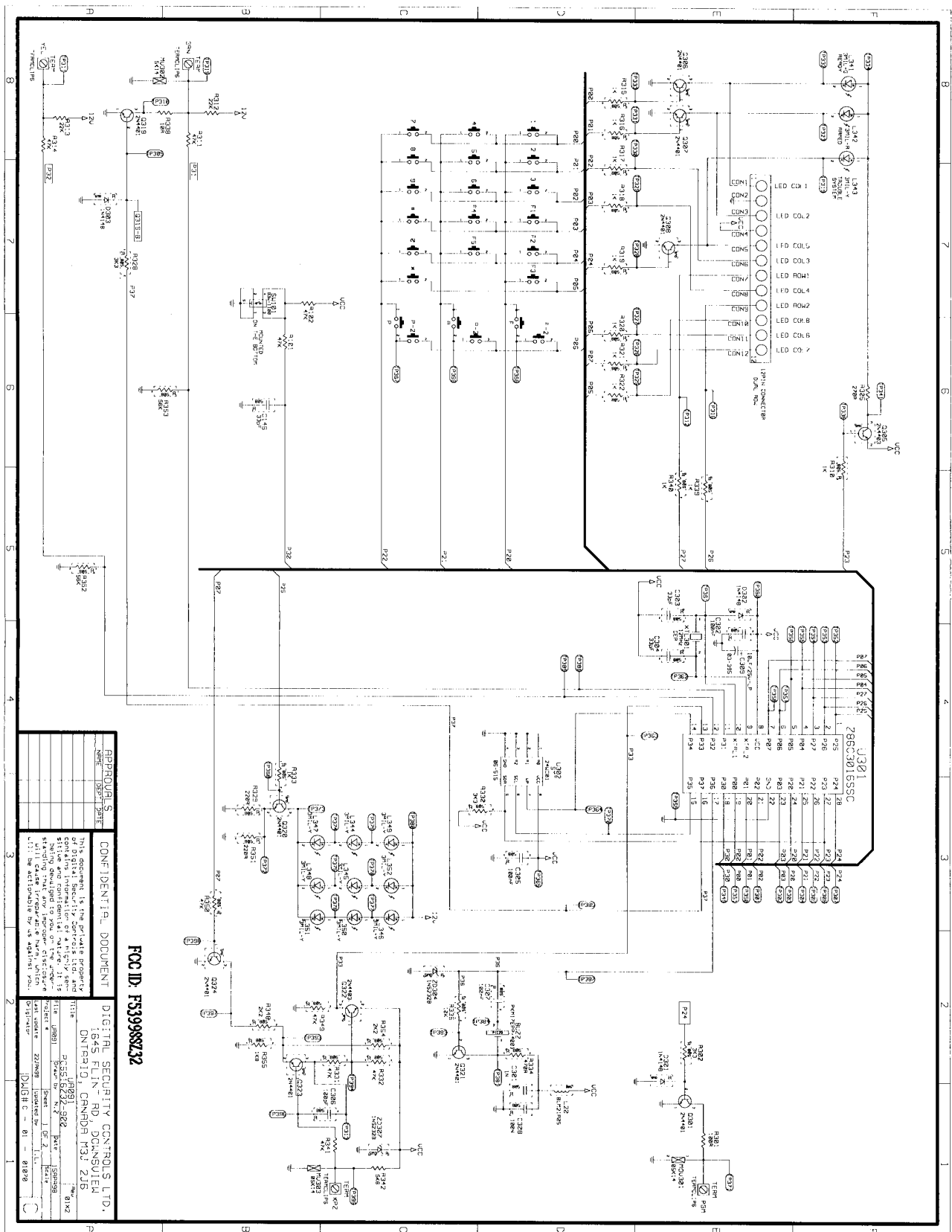
U#092

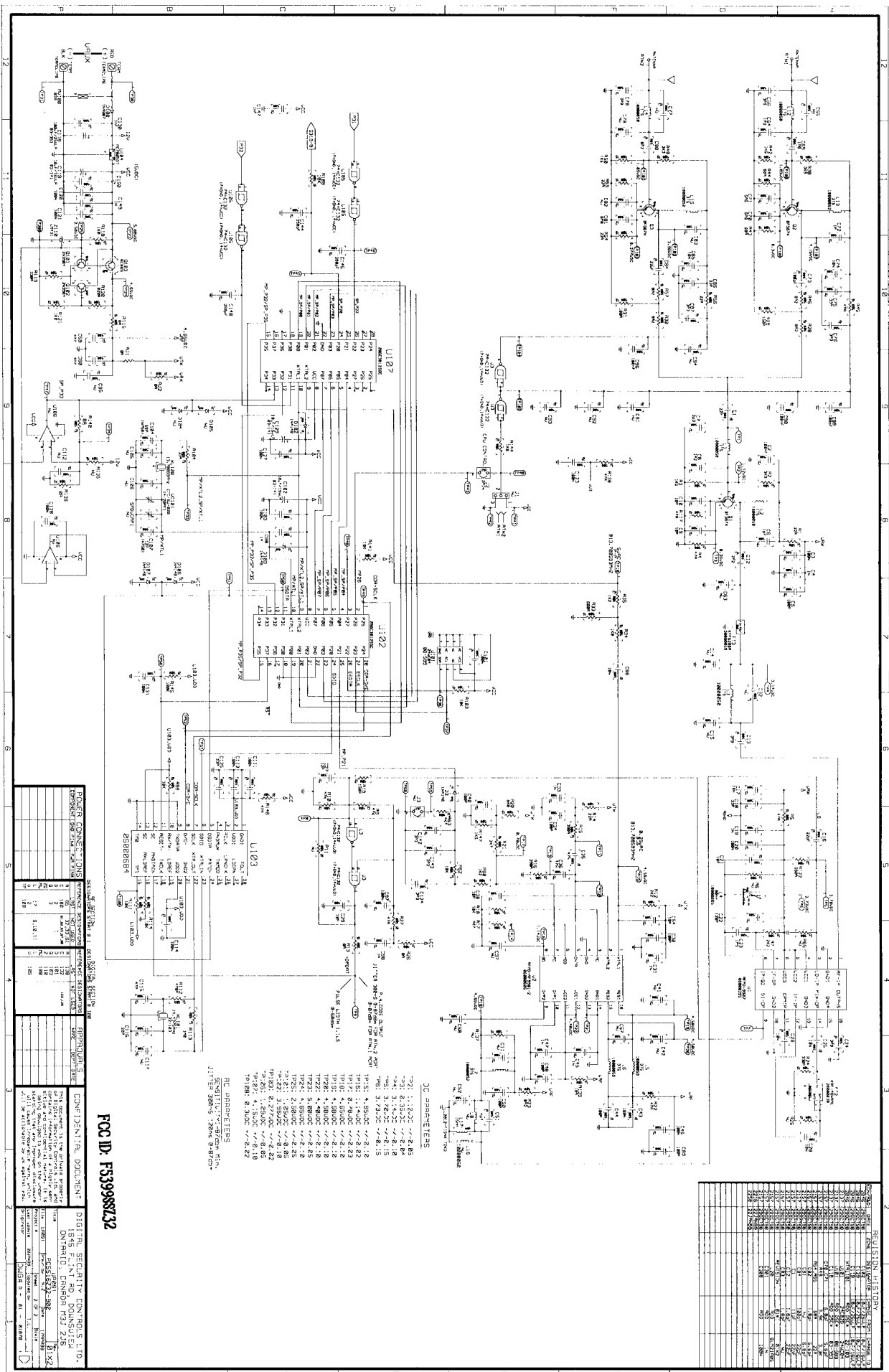
REV01X2

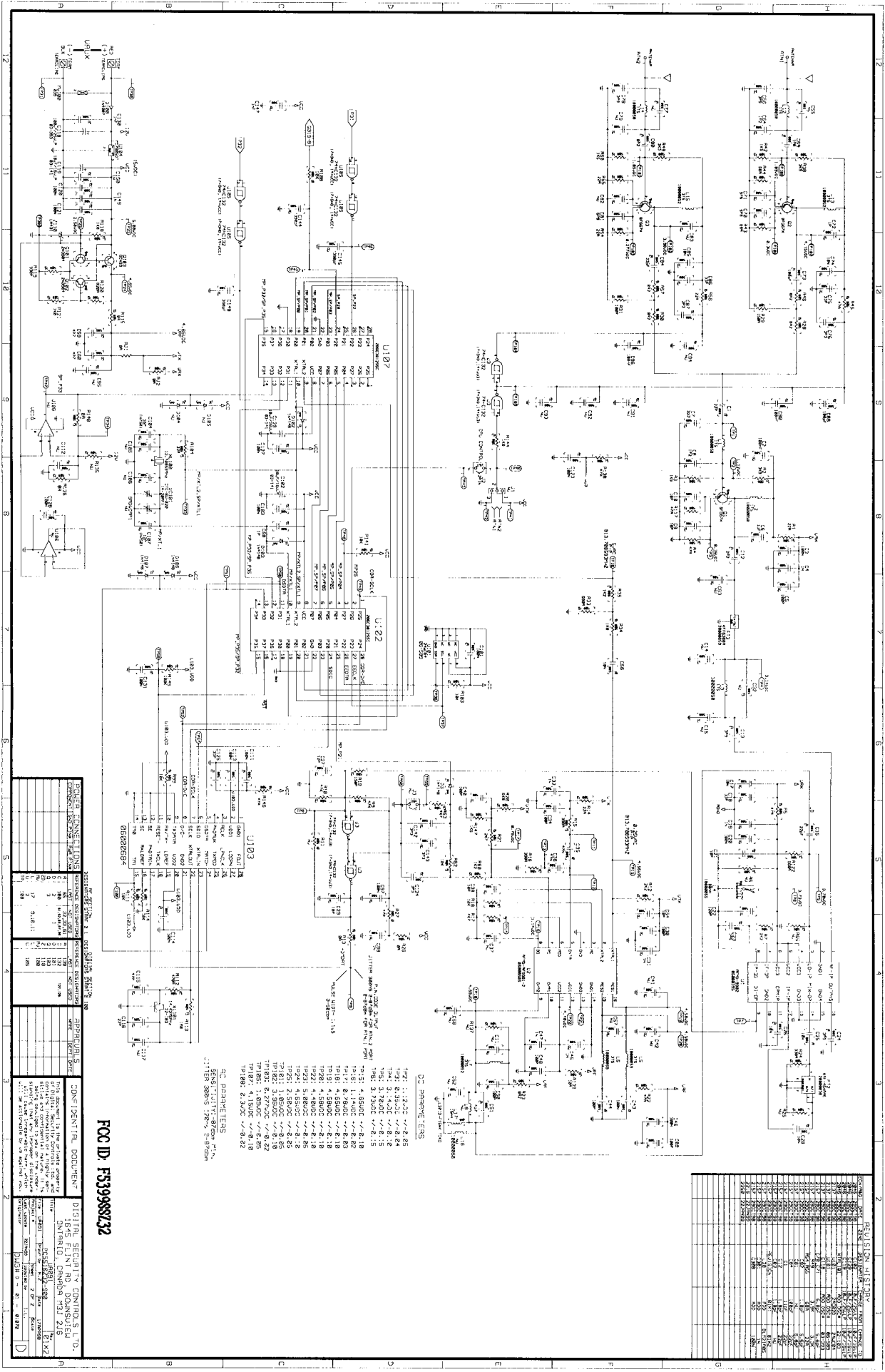


APPROVALS	
NAME	DATE
CONFIDENTIAL DOCUMENT	
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TITLE	DIGITAL SECURITY CONTROLS LTD.
PROJECT	1645 FLINT RD, DOWNSVIEW, ONTARIO, CANADA M3J 2J6
DATE	22/08/2000
DESIGNED BY	1.1
CHECKED BY	2.1
APPROVED BY	3.1

FOI ID: F53988232







PIN CONNECTIONS	
1	VCC
2	Q1
3	Q2
4	Q3
5	Q4
6	Q5
7	Q6
8	Q7
9	Q8
10	Q9
11	Q10
12	Q11
13	Q12
14	Q13
15	Q14
16	Q15

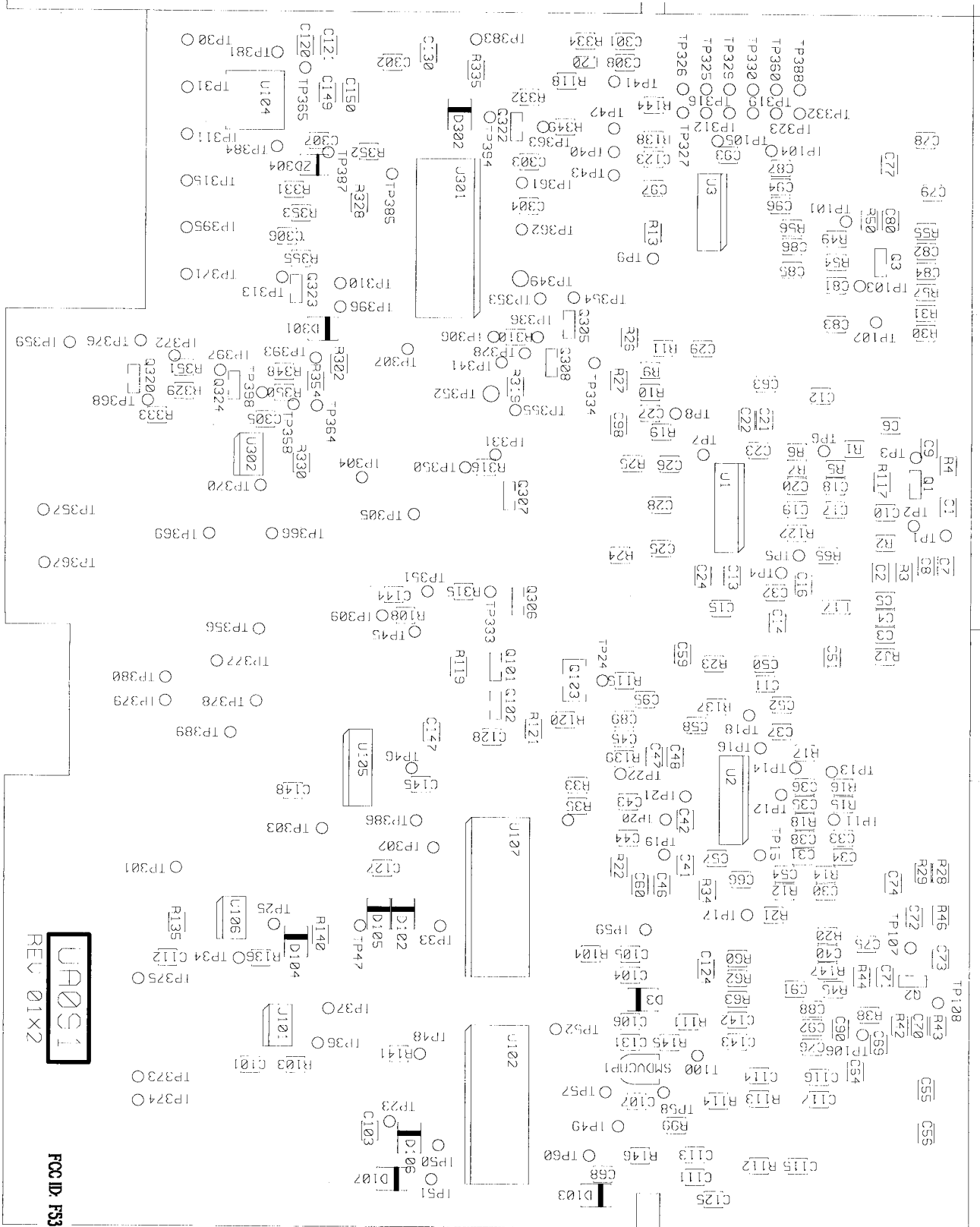
REFERENCE DESIGNATOR	
U107	74LS163
U102	74LS161
U103	74LS160
U104	74LS162

DIGITAL SECURITY CONTROLS LTD.	
1645 FLINT RD. DONCASTER	
DN1 1 1 1	
TELEPHONE 01924 500100	
FAX 01924 500101	
TELETYPE 01924 500102	
TELEFAX 01924 500103	
TELEMAIL 01924 500104	
TELEPOST 01924 500105	
TELEFAX 01924 500106	
TELEMAIL 01924 500107	
TELEFAX 01924 500108	
TELEMAIL 01924 500109	
TELEFAX 01924 500110	

FCC ID: F53988232

- DC POWER SUPPLY
- 1921: 1.2VDC +/-0.85
 - 1922: 2.0VDC +/-0.85
 - 1923: 3.0VDC +/-0.85
 - 1924: 4.0VDC +/-0.85
 - 1925: 5.0VDC +/-0.85
 - 1926: 6.0VDC +/-0.85
 - 1927: 7.0VDC +/-0.85
 - 1928: 8.0VDC +/-0.85
 - 1929: 9.0VDC +/-0.85
 - 1930: 10.0VDC +/-0.85
 - 1931: 11.0VDC +/-0.85
 - 1932: 12.0VDC +/-0.85
 - 1933: 13.0VDC +/-0.85
 - 1934: 14.0VDC +/-0.85
 - 1935: 15.0VDC +/-0.85
 - 1936: 16.0VDC +/-0.85
 - 1937: 17.0VDC +/-0.85
 - 1938: 18.0VDC +/-0.85
 - 1939: 19.0VDC +/-0.85
 - 1940: 20.0VDC +/-0.85
 - 1941: 21.0VDC +/-0.85
 - 1942: 22.0VDC +/-0.85
 - 1943: 23.0VDC +/-0.85
 - 1944: 24.0VDC +/-0.85
 - 1945: 25.0VDC +/-0.85
 - 1946: 26.0VDC +/-0.85
 - 1947: 27.0VDC +/-0.85
 - 1948: 28.0VDC +/-0.85
 - 1949: 29.0VDC +/-0.85
 - 1950: 30.0VDC +/-0.85
 - 1951: 31.0VDC +/-0.85
 - 1952: 32.0VDC +/-0.85
 - 1953: 33.0VDC +/-0.85
 - 1954: 34.0VDC +/-0.85
 - 1955: 35.0VDC +/-0.85
 - 1956: 36.0VDC +/-0.85
 - 1957: 37.0VDC +/-0.85
 - 1958: 38.0VDC +/-0.85
 - 1959: 39.0VDC +/-0.85
 - 1960: 40.0VDC +/-0.85
 - 1961: 41.0VDC +/-0.85
 - 1962: 42.0VDC +/-0.85
 - 1963: 43.0VDC +/-0.85
 - 1964: 44.0VDC +/-0.85
 - 1965: 45.0VDC +/-0.85
 - 1966: 46.0VDC +/-0.85
 - 1967: 47.0VDC +/-0.85
 - 1968: 48.0VDC +/-0.85
 - 1969: 49.0VDC +/-0.85
 - 1970: 50.0VDC +/-0.85
 - 1971: 51.0VDC +/-0.85
 - 1972: 52.0VDC +/-0.85
 - 1973: 53.0VDC +/-0.85
 - 1974: 54.0VDC +/-0.85
 - 1975: 55.0VDC +/-0.85
 - 1976: 56.0VDC +/-0.85
 - 1977: 57.0VDC +/-0.85
 - 1978: 58.0VDC +/-0.85
 - 1979: 59.0VDC +/-0.85
 - 1980: 60.0VDC +/-0.85
 - 1981: 61.0VDC +/-0.85
 - 1982: 62.0VDC +/-0.85
 - 1983: 63.0VDC +/-0.85
 - 1984: 64.0VDC +/-0.85
 - 1985: 65.0VDC +/-0.85
 - 1986: 66.0VDC +/-0.85
 - 1987: 67.0VDC +/-0.85
 - 1988: 68.0VDC +/-0.85
 - 1989: 69.0VDC +/-0.85
 - 1990: 70.0VDC +/-0.85
 - 1991: 71.0VDC +/-0.85
 - 1992: 72.0VDC +/-0.85
 - 1993: 73.0VDC +/-0.85
 - 1994: 74.0VDC +/-0.85
 - 1995: 75.0VDC +/-0.85
 - 1996: 76.0VDC +/-0.85
 - 1997: 77.0VDC +/-0.85
 - 1998: 78.0VDC +/-0.85
 - 1999: 79.0VDC +/-0.85
 - 2000: 80.0VDC +/-0.85

REVISION HISTORY	
1	Initial Design
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100	Design Changes



U1051

FCC ID: FS3986732

REV 01X2

DIGITAL SECURITY CONTROLS LTD.
MADE IN CANADA

AIN1

L13

UA2091

REV 21X2

L8

L16

L3

FT3

L2

L15

L14

A+2

XL101

RJ1

DO NOT
TOUCH COILS

L7

J103

J3

L6

L4

C122

LC121

XL120

C129

L5

1

2

3

F1

L341

L342

L343

R305

R102

R101

SW121

XTL301

C305

7110

4

5

6

F3

L345

F-2

ZD307

C146

D303

G301

G319

BU22

+ C118

D100

MU100

-344

L345

F2

L346

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F4

L349

A

P-2

L350

MU301

MU303

MU302

MU302

MU302

MU302

MU302

MU302

MU302

MU302

MU302

MU302

MU302

MU302

MU302

MU302

MU302

R301

R342

R341

R338

R311

R312

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☐ ☒ ☐ ☐ ☐

DO NOT
TOUCH COILS

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