Model 2000

Kluge Card

INSTRUCTION MANUAL

February, 1987

**** SPECIAL OPTION ****

Model 2000-S004

March 1985

Model 2000-S004

**** SPECIAL OPTION ****

Model 2000-S004

The 2000-S004 is a KineticSystems kluge card with a 50-contact "D" type connector mounted on the front panel. CAMAC Dataway power (±5 volts, ±12 volts, and ±24 volts) is available on the connector pins as indicated on the attached Engineering drawings.

Schematic #02263-A-4330

Model 2000-S008

*** Special Option ***

August 1985

Special Option

Model 2000-S008

The Model 2000-S008 is a 2000-P1B with a 52-pin, double-density "D" ("2DB") type connector mounted to the module front panel. The contact arrangement on this connector is uncommitted.

August 1985

SPECIAL OPTION

Model 2000-S010

Kluge Card

December, 1989

SPECIAL OPTION

Model 2000-S010

Kluge Card

The Model 2000-S010 is the same as the Model 2000-D1B except that the front panel is three (3) CAMAC widths in size.

The printed circuit board is mounted in the right-hand-most slot position that the front panel allows.

MLH;rem(WP/mlh)
December 12, 1989

SPECIAL OPTION

Model 2000-S012

Kluge Card

November, 1987

*****Special Option*****

Model 2000-S012

Kluge Card

The Model 2000-S012 is the same as the Model 2000-D1B except that the jackscrews have been left off for later installation by the end user.

MLH:rem(2000 Ser. 12)
November 19, 1987

SPECIAL OPTION

Model 2000-S013

Kluge Card

November, 1987

*****Special Option*****

Model 2000-S013

Kluge Card

The Model 2000-S013 is the same as the Model 2000-D1B except that the front panel is two (2) CAMAC widths in size and the jackscrew has been left off for later installation by the end user.

MLH:rem(2000 Ser. 12)
November 19, 1987

SPECIAL OPTION

Model 2000-S014

Kluge Card

November, 1987

Special Option

Model 2000-S014

Kluge Card

The Model 2000-S014 is the same as the Model 2000-D1B except that the front panel is three (3) CAMAC widths in size and the jackscrew has been left off for later installation by the end user.

MLH:rem(2000 Ser. 12)
November 19, 1987

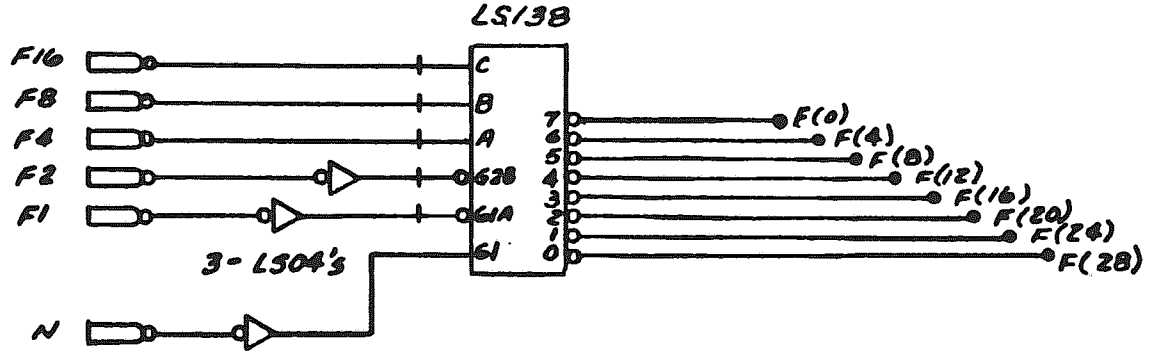
TABLE OF CONTENTS

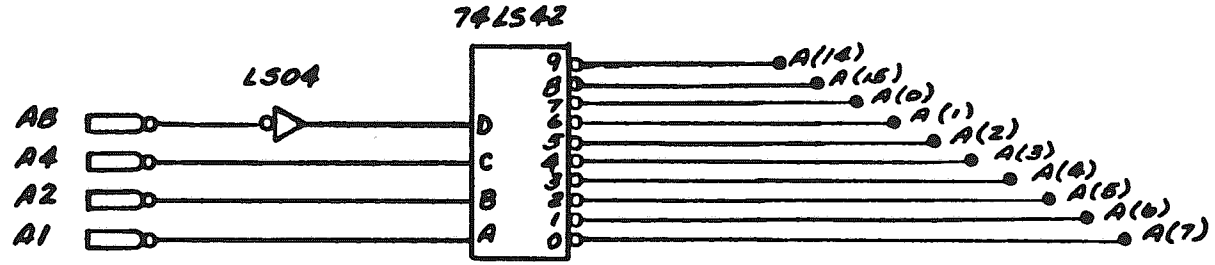
The following three pages are schematics of sample subaddress and function decoding. The first schematic shows a simple subaddress and function decode using a 3 to 8 line decoder to decode the function lines and a BCD to decimal decoder to decode the subaddress lines.

The second example shows a PROM based function and subaddress decoding. The functions and subaddresses will be determined by the PROM contents. The additional outputs of the PROM are shown here to control the Q + X responses.

The third example shows a more complete decoding. Three 4 to 16 decoders are used to accomplish this decoding. The drawing also has the circuitry shown to provide an "N" LED to indicate that the module has been addressed.

REV.	DESCRIPTION	DATE	BY	APP





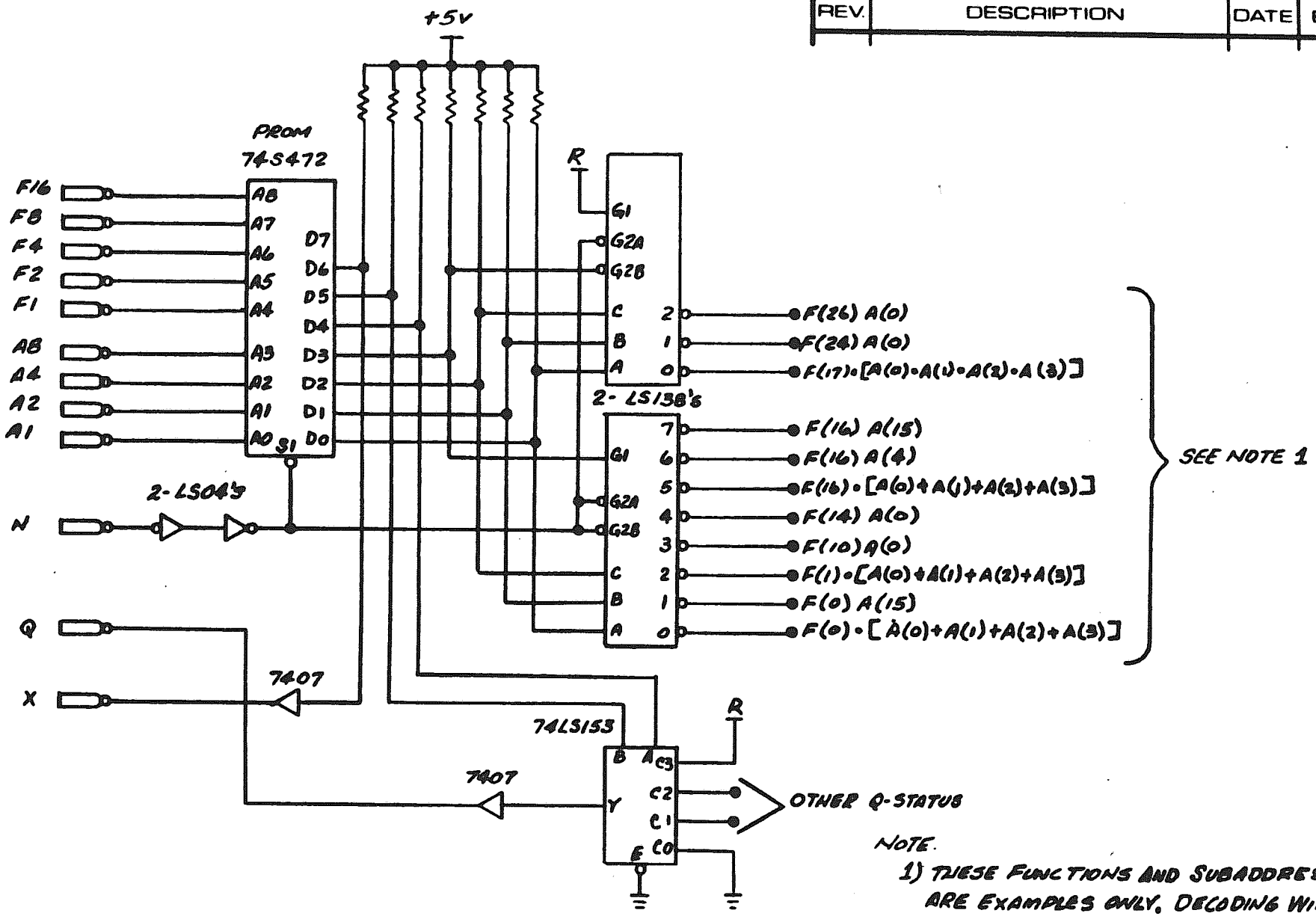
MODEL 4000

KineticSystems
LOCKPORT, ILLINOIS

TITLE
SAMPLE FUNCTION AND SUBADDRESS DECODING

DES.	S. KREBS		DRN.	WALT CLAPPER	11/3/82	SHT. 1 OF 1	MODEL	UNIT	DRAWING NUMBER	REV.
CHK.			APP.							

REV.	DESCRIPTION	DATE	BY	APP.



NOTE.

1) THESE FUNCTIONS AND SUBADDRESSES ARE EXAMPLES ONLY. DECODING WILL BE DETERMINED BY THE PROM CONTENTS

KineticSystems
LOCKPORT, ILLINOIS

TITLE
SAMPLE PROM BASED FUNCTION AND SUBADDRESS DECODING

DES.	S. KREBS		DRN.	WALT CLAPPER	11/3/82
CHK.			APP.		

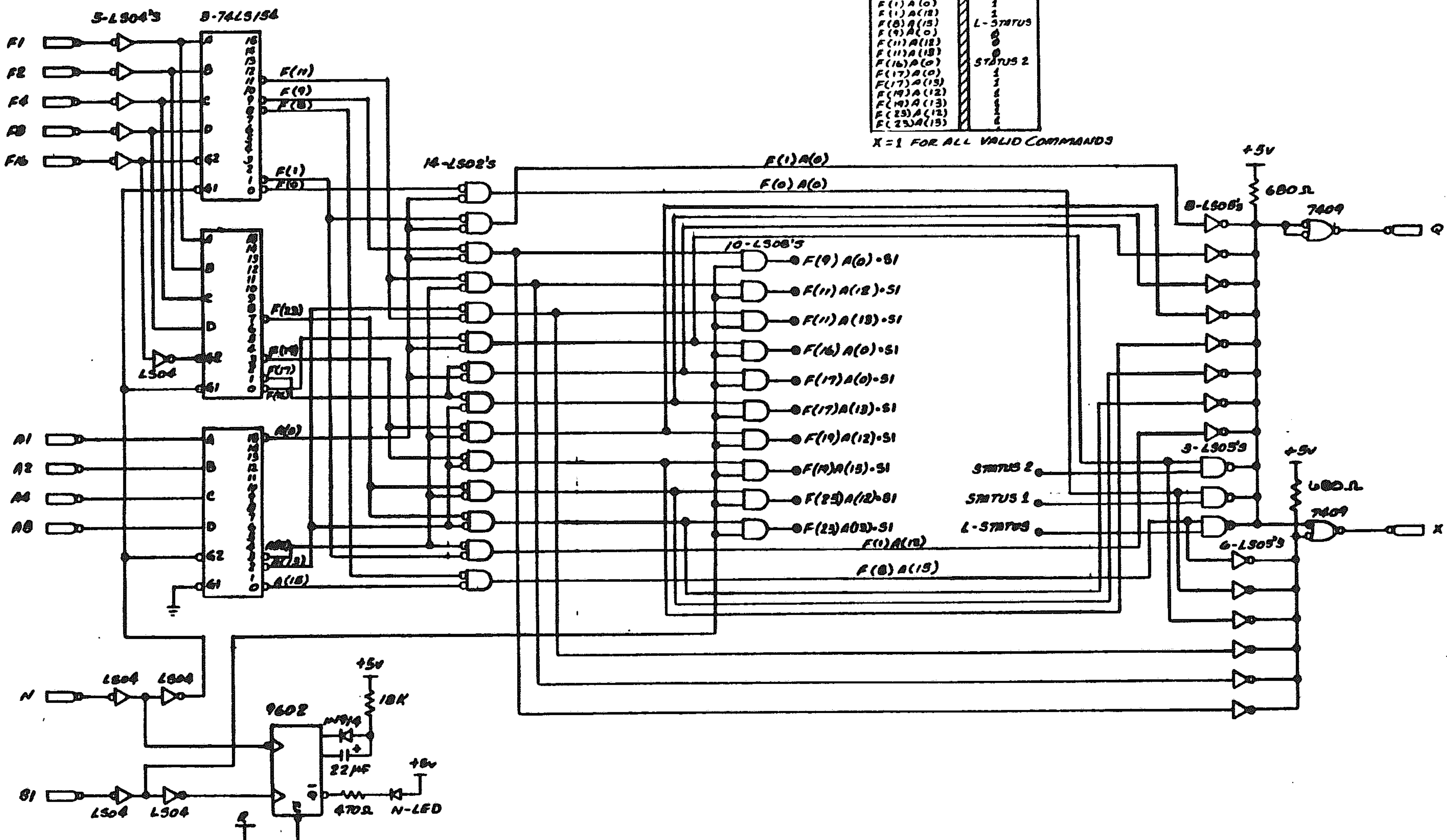
SHT.	MODEL	UNIT	DRAWING NUMBER	REV.
1 OF 1				

Model 2000

REV.	DESCRIPTION	DATE	BY	APP

COMMAND	Q
F(0) A(0)	STATUS 1
F(1) A(0)	1
F(1) A(12)	1
F(8) A(15)	L-STATUS
F(9) A(0)	0
F(11) A(12)	0
F(11) A(13)	0
F(16) A(0)	STATUS 2
F(17) A(0)	1
F(17) A(13)	1
F(19) A(12)	1
F(19) A(13)	1
F(23) A(12)	1
F(23) A(13)	1

X = 1 FOR ALL VALID COMMANDS



KineticSystems
LOCKPORT, ILLINOIS

TITLE: SAMPLE FUNCTION AND SUBADDRESS DECODING

DES.	S. KREBS	DRN.	WALT CLAPPER	1/4/82	SHT 1 OF 1	MODEL	UNIT	DRAWING NUMBER	REV.
CHK.		APP.							