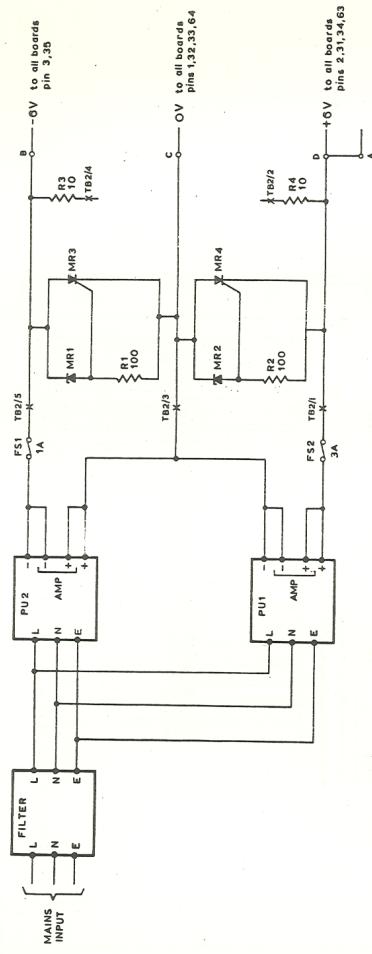
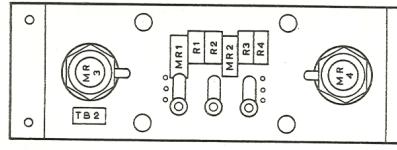


Figure 1 (issue 2)

GENERAL VIEW



COMPONENT TABLE			
COMP	VALUE	TOL $\pm 1\%$	CAT No
R1, 2	100	5	5662
R3, 4	10	5	9623
MR1, 2	ZENER DIODE		26569
MR3, 4	CONTROL RECTIFIERS		11221
F S1	1A		4203
F S2	3A		815
Fusholder			622
Filter	1 phase 2.5 Amp		P5.361
PU1, 2	Power Supply EV100		11256

PROTECTION CIRCUIT
COMPONENT SCHEMATIC

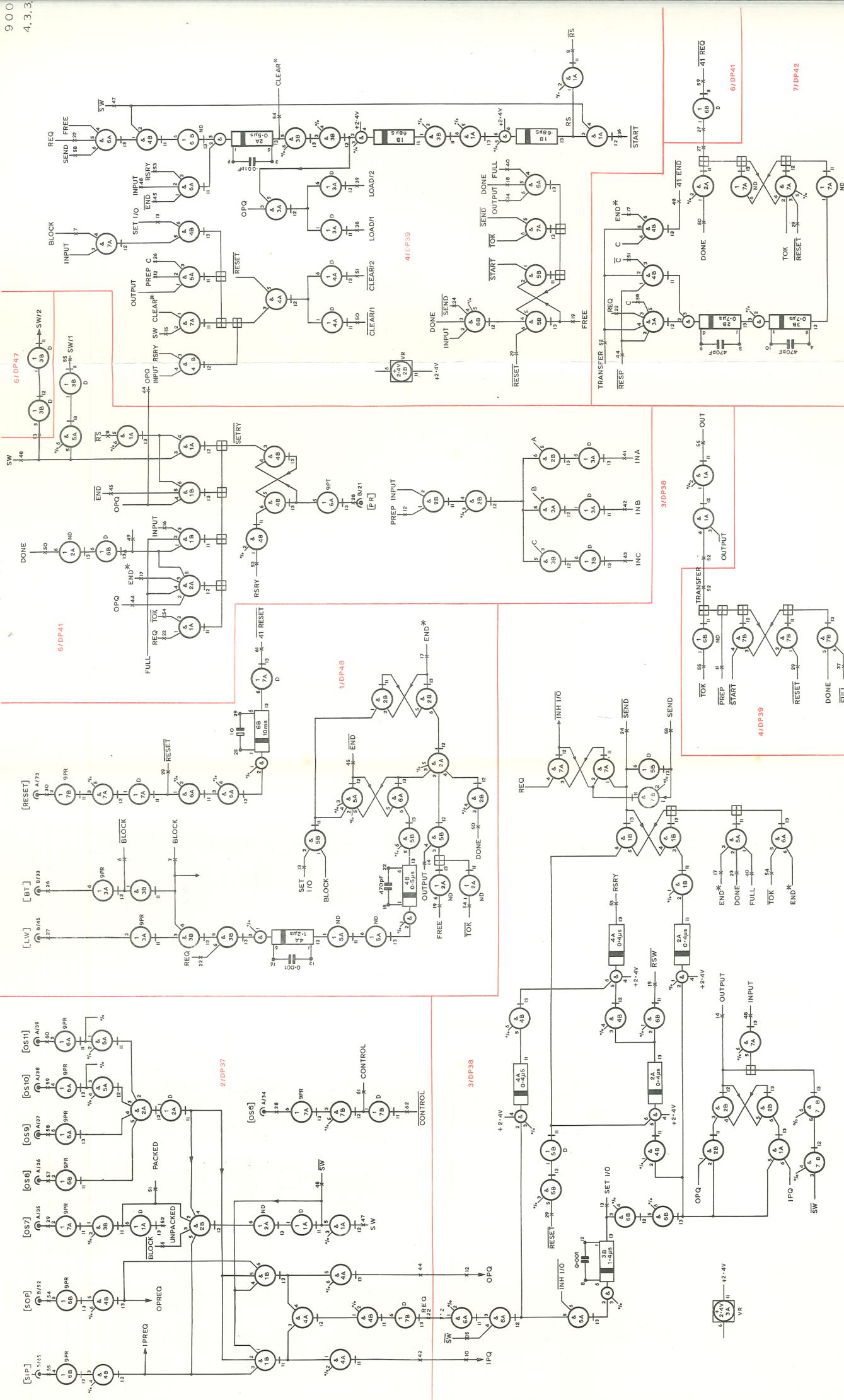


Figure 3 (ISSUE 3)

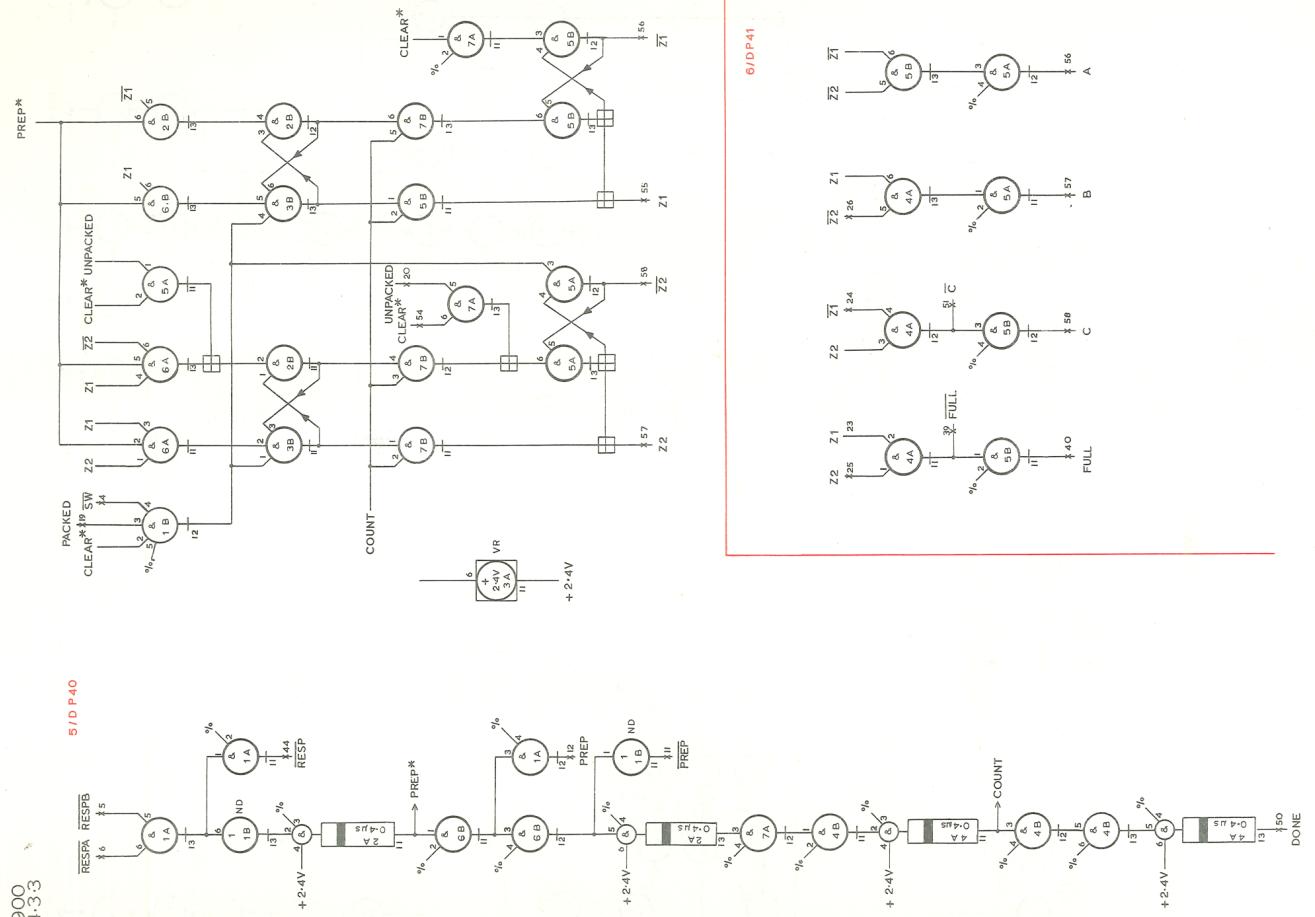
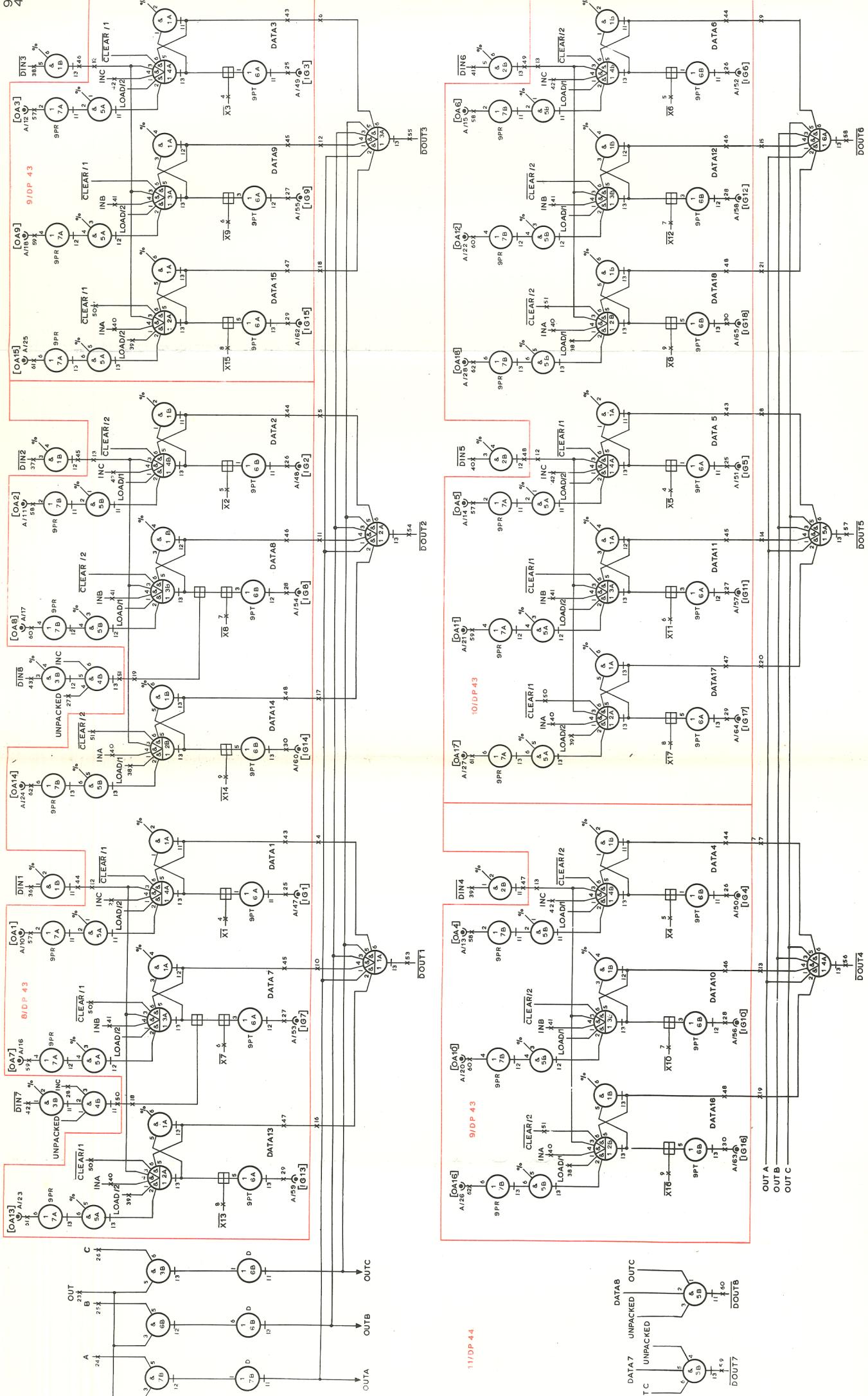


Figure 4 (ISSUE 2)



JFIFER REGISTER

Figure 5



MING DIAGRAMS

Figure 6 (Issue 2)

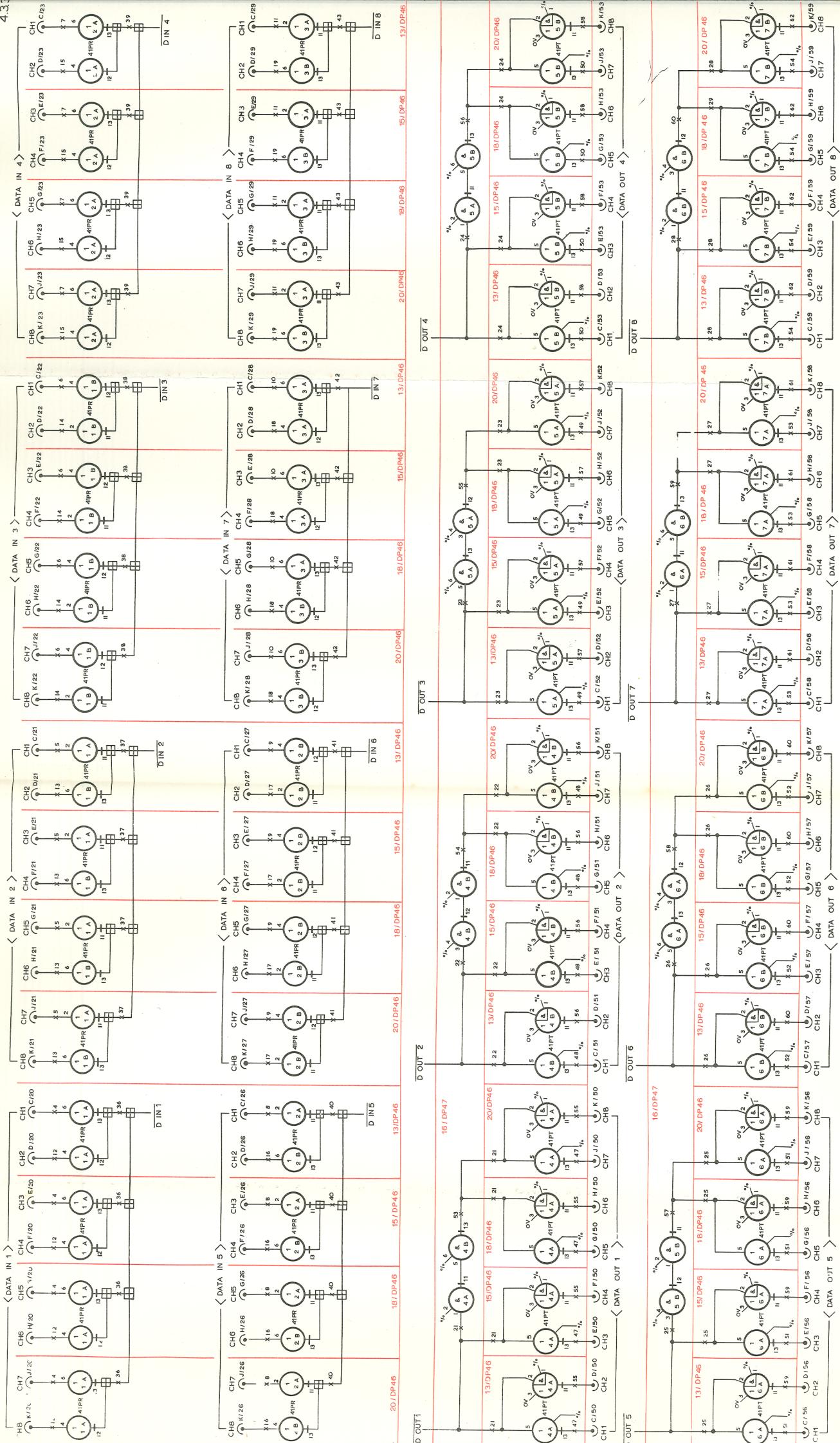
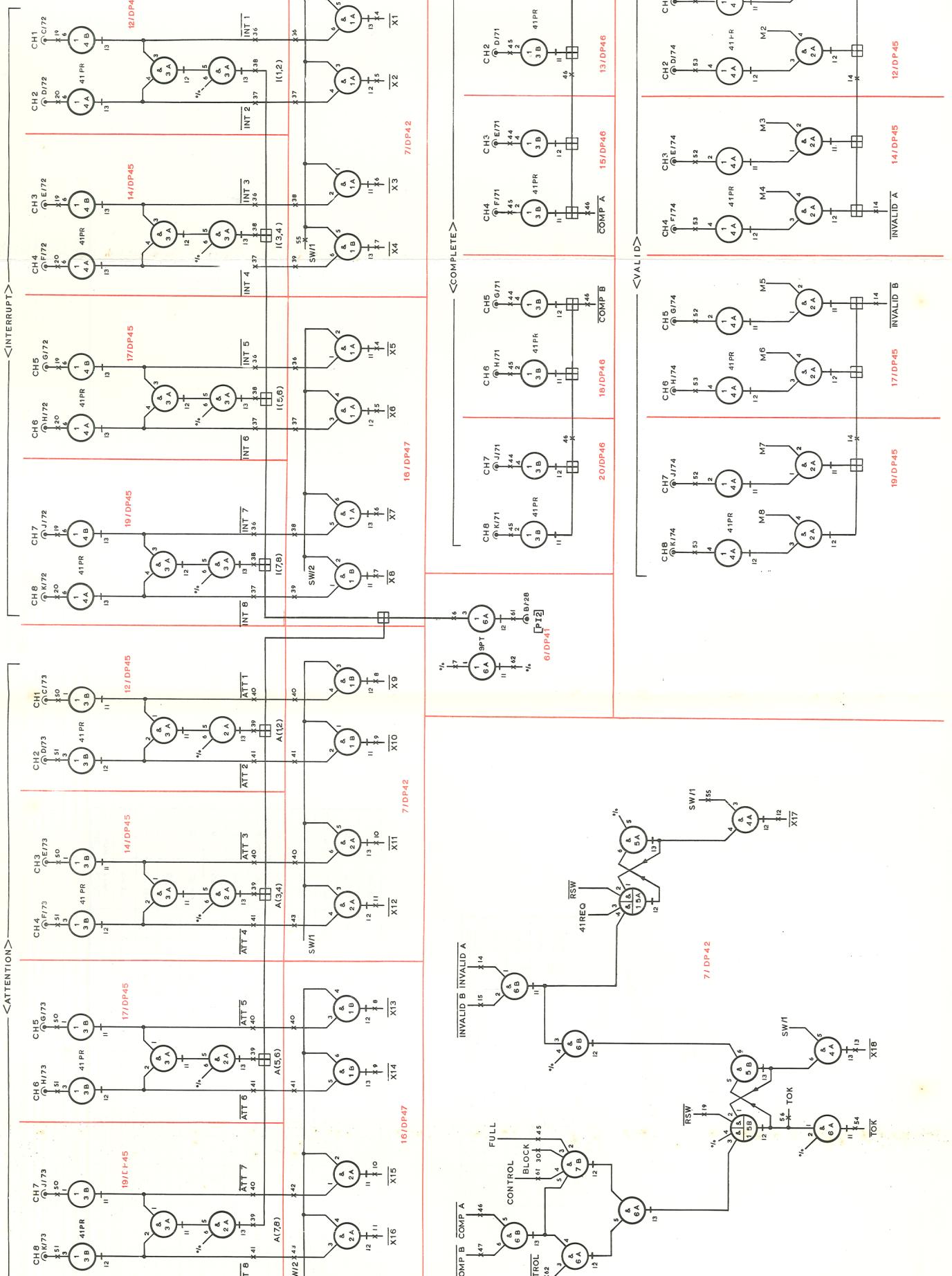


Figure 7 ISSUE 2



STATUS WORD

Figure 9 (Issue 2)

BOARD POSITION	BOARD TYPE	1A	2A	3A	4A	5A	6A	7A	1B	2B	3B	4B	5B	6B	7B
2	DP 37	15	03	01	01	12	12	02	03	01	01	12	12	15	
3	DP 38	01	40	08	40	02	01	01	01	38	01	15	01	01	
4	DP 39	01	38	15	15	02	01	37	08	01	01	02	03	01	
5	DP 40	01	40	08	40	01	02	01	03	01	02	01	01	01	
6	DP 41	01	03	15	01	01	11	02	01	15	01	01	15		
7	DP 42	01	01	03	01	06	01	03	01	38	02	06	01	03	
8, 9, 10	DP 43	01	05	05	05	01	11	12	01	05	05	05	01	11	12
11	DP 44	05	05	05	05	05	05	05	01	01	01	02	02	15	15
12, 14, 17, 19	DP 45	01	01	01	120	121	121	03	03	120	120	121	121	121	
13, 15, 18, 20	DP 46	120	120	120	121	121	121	120	120	120	121	121	121	121	
16	DP 47	01	01	01	01	01	01	01	01	15	01	01	01		
1	DP 48	03	12	38	03	01	15	01	01	38	01	38	12		

BOARD TYPE	BOARD POSITION	G AREA PAD LOCATION	VALUE	TOL. ± %	CAT. NO.
DP 38	3	B/12	0-001	5	7917
DP 39	4	3/9	470pF	5	7916
DP 42	7	3/9, 4/10	470pF	5	7916
DP 48	1	12/16 18/22 25/29	0-001 470pF 10	5 5 20	7917 7916 9137

NOTES:

1. On all boards decoupling capacitors C1, C2 and C3 are $10\mu F \pm 20\%$, Catalogue No. 9137.
2. D.C. Supplies to all boards
 - +5V pins 2, 31, 34, 63
 - 5V pins 3, 35
 - 0V pins 1, 32, 33, 64

Figure 10 (ISSUE 3)