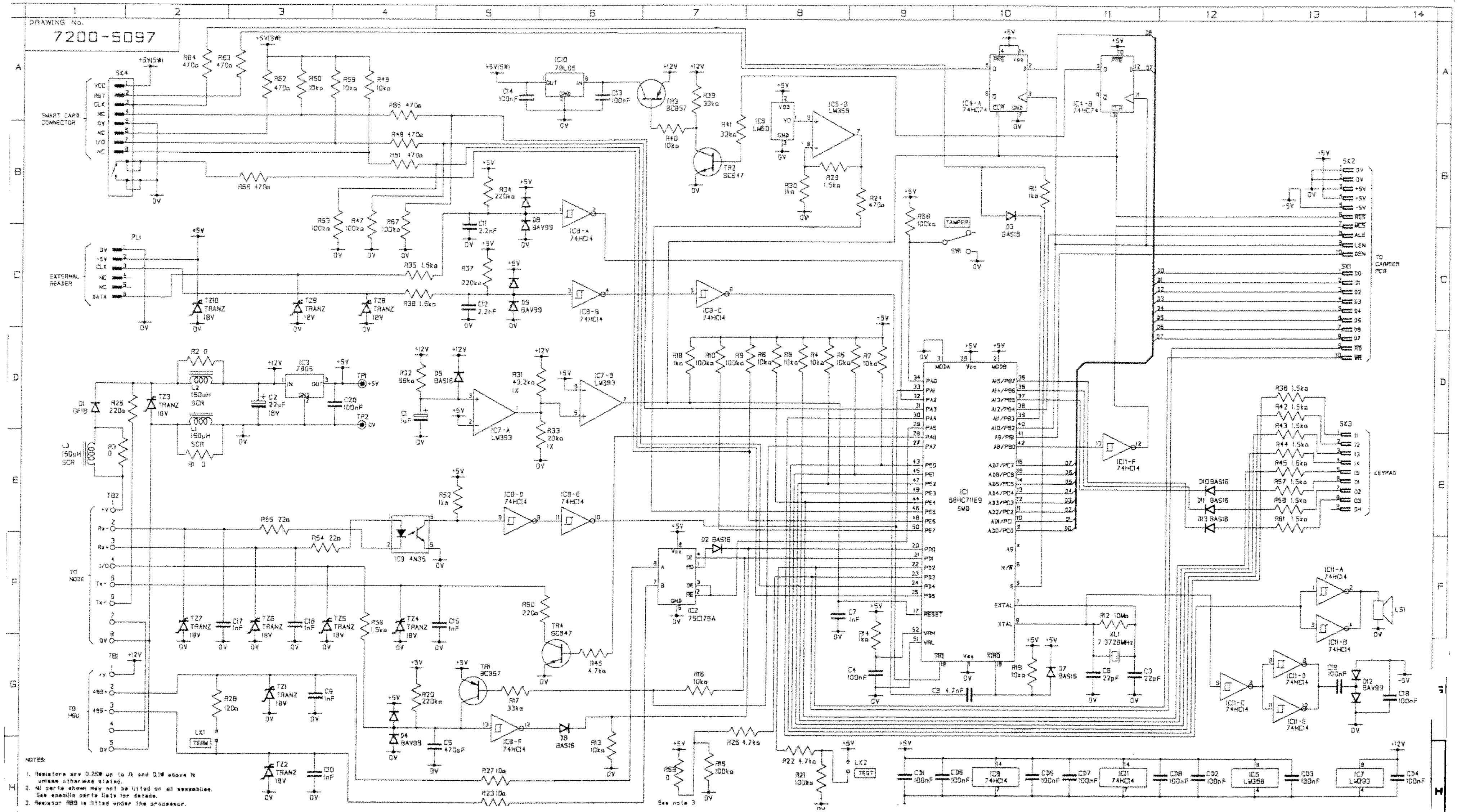
DRAWING No.
7200-5097

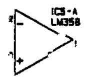

SMART CARD CONNECTOR
SK4
VCC
RST
CLK
NC
0V
NC
I/O
NC
+5V(SW)
EXTERNAL READER
PL1
DATA
TO NODE
TB2
Rx-
Rx+
I/O
Tx-
Tx+
TO HGU
TB1
+12V
485+
485-
LK1 TERM
IC10 78L05
IC3 7805
TP1
TP2
L1 150uH SCR
L2 150uH SCR
L3 150uH SCR
D1 GF1B
TR1 BC857
TR2 BC847
TR3 BC857
TR4 BC847
IC9 LM60
IC5-B LM358
IC7-A LM393
IC7-B LM393
IC8-A 74HC14
IC8-B 74HC14
IC8-C 74HC14
IC8-D 74HC14
IC8-E 74HC14
IC8-F 74HC14
IC9 4N35
IC2 75C176A
IC1 68HC711E9 SMD
IC4-A 74HC74
IC4-B 74HC74
IC11-A 74HC14
IC11-B 74HC14
IC11-C 74HC14
IC11-D 74HC14
IC11-E 74HC14
IC11-F 74HC14
XL1 7.3728MHz
LS1
TAMPER
SW1
LK2 TEST
SK2
SK1
TO CARRIER PCB
RES
WCS
ALE
LEN
DEN
SK3
KEYPAD
D10 BAS16
D11 BAS16
D13 BAS16
EXTAL
XTAL
RESET
MODA
MODB
See note 3

NOTES:

1. Resistors are 0.25W up to 1k and 0.1W above 1k unless otherwise stated.
2. All parts shown may not be fitted on all assemblies. See specific parts lists for details.
3. Resistor R89 is fitted under the processor.

ISSUE No.	C/N No.	DATE	INITIAL	ISSUE No.	C/N No.	DATE	INITIAL
A	6188	21-10-99	PJP				
B	6223	22-12-99	PJP				
D	6251	28-1-00	PJP/SCV				
F	6298	18-2-00	SCV				

SPARE GATES



FILE NAME:
700RDR-E.SCM

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Assembly Stock Nos: 7000-5097/9

FIRST USED ON:
700 SERIES READER

TITLE

S700 PROCESSOR CIRCUIT DIAGRAM

DRAWN	SCV 21-10-99
CHECKED	28-1-00
APPROVED	

Group 4 Technology Ltd.
Northway Lane
Newtown Industrial Estate
Tewkesbury
Gloucestershire. GL20 8JG

group4

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