





# PART OF CPS FC201

10 I/O SUBCHANNELS-BIPOLAR INTERFACE CIRCUIT

## COMPONENT LIST

### INTEGRATED CIRCUIT

DESIG	CODE
CM1	145K
CM2, CM3	144D

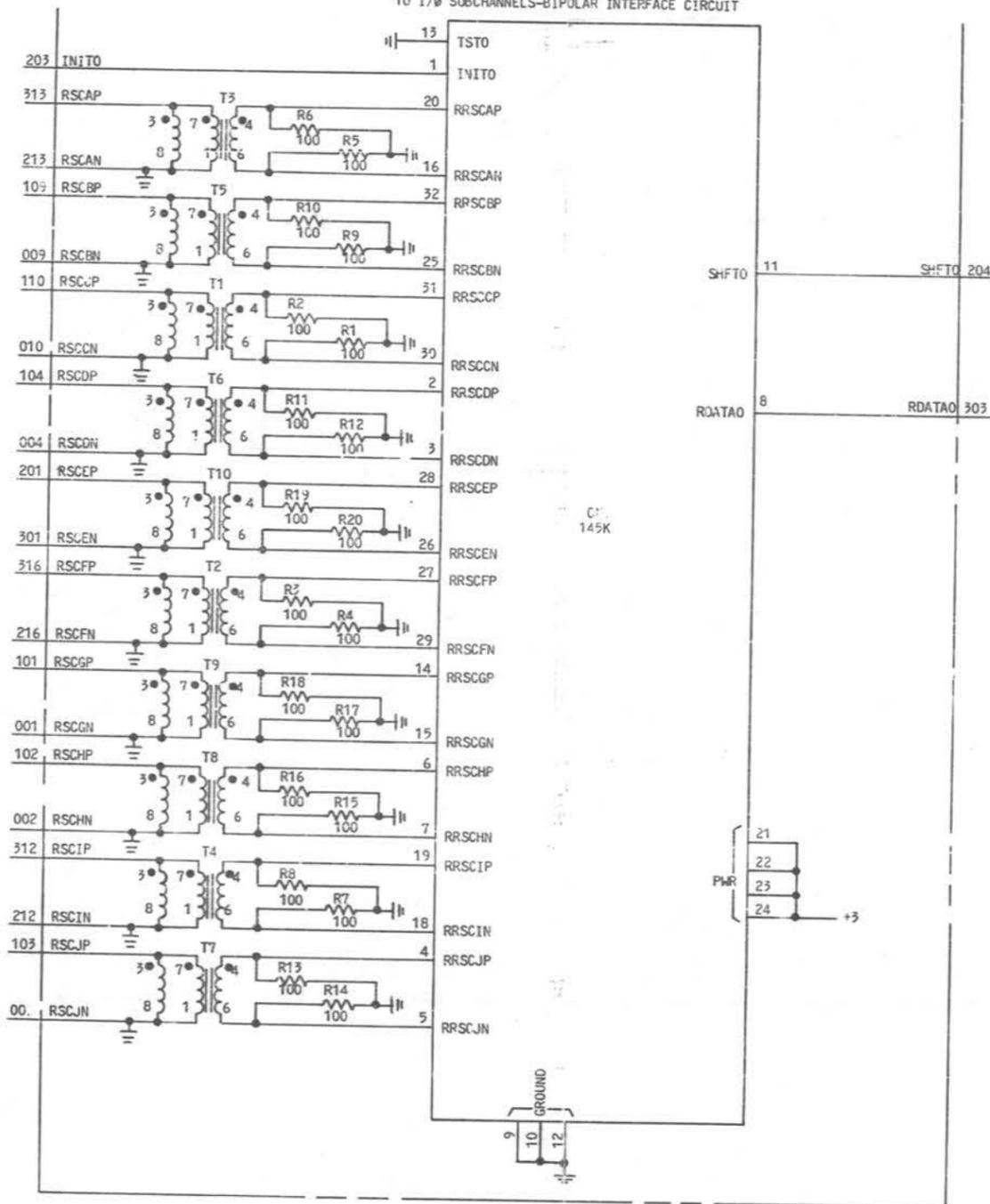
### RESISTOR

DESIG	CODE
R1-R20	KS-20200 L1,100

### TRANSFORMER

DESIG	CODE
T1-T20	2664G

## CIRCUIT DESCRIPTION



CPS-FC201



# PART OF CMS 145K

## COMPONENT LIST

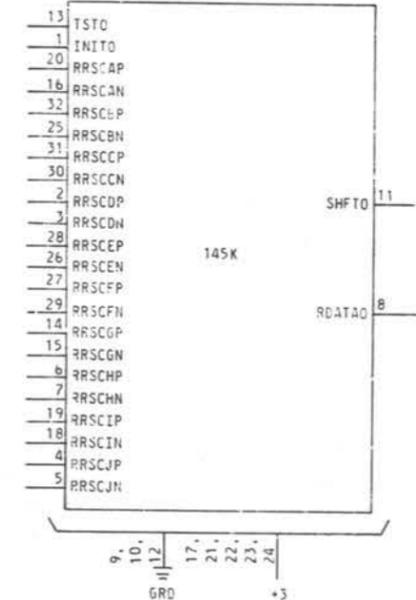
### INTEGRATED CIRCUITS

LOC CODE ELEM ID	IC1 137H	IC2 137H	IC3 137H	IC4 137H	IC5 137D	IC6 137H	
DESIG	SH LOC	DESIG	SH LOC	DESIG	SH LOC	DESIG	SH LOC
A	RSCCPD 4B2	INIT1 4B0	RSCFPD 4B4	RDATA 4D8	SHFT 4E5	RSCIPD 4B7	
B	RSCBPD 4B1		RSCFPD 4B4	RDATA 4E6		RSCAPD 4B0	
C	RSCDPO 4B3	RSCJPD 4B8	RSCHPD 4B6	RDATA 4D7		RSCGPO 4B5	
D	RSCDNO 4B3	RSCJNO 4B8	RSCHNO 4B7	EDGEQ 4D6		RSCGNO 4B6	
E	RSCFNO 4B5	RSTO 4C0	RSCBNO 4B2	RSTSHFT1 4F6		RSCAND 4B1	
F	RSCCNO 4B2		RSCENO 4B4	RSTSHFTC 4F5		RSCINO 4B7	
G							
H							

## SUPPORTING INFORMATION

CATEGORY	NO
INTEGRATED CKT	145K
SERIES FOR LATEST CLASS "A" CHANGE (ANY HIGHER SERIALS IS ACCEPTABLE)	4

## SYMBOL



BATTERY AND GROUND TERMINALS FOR INTEGRATED CIRCUITS

IC CODE	+3 TERM.	GRD TERM.
137D	25	11
137H	25	11

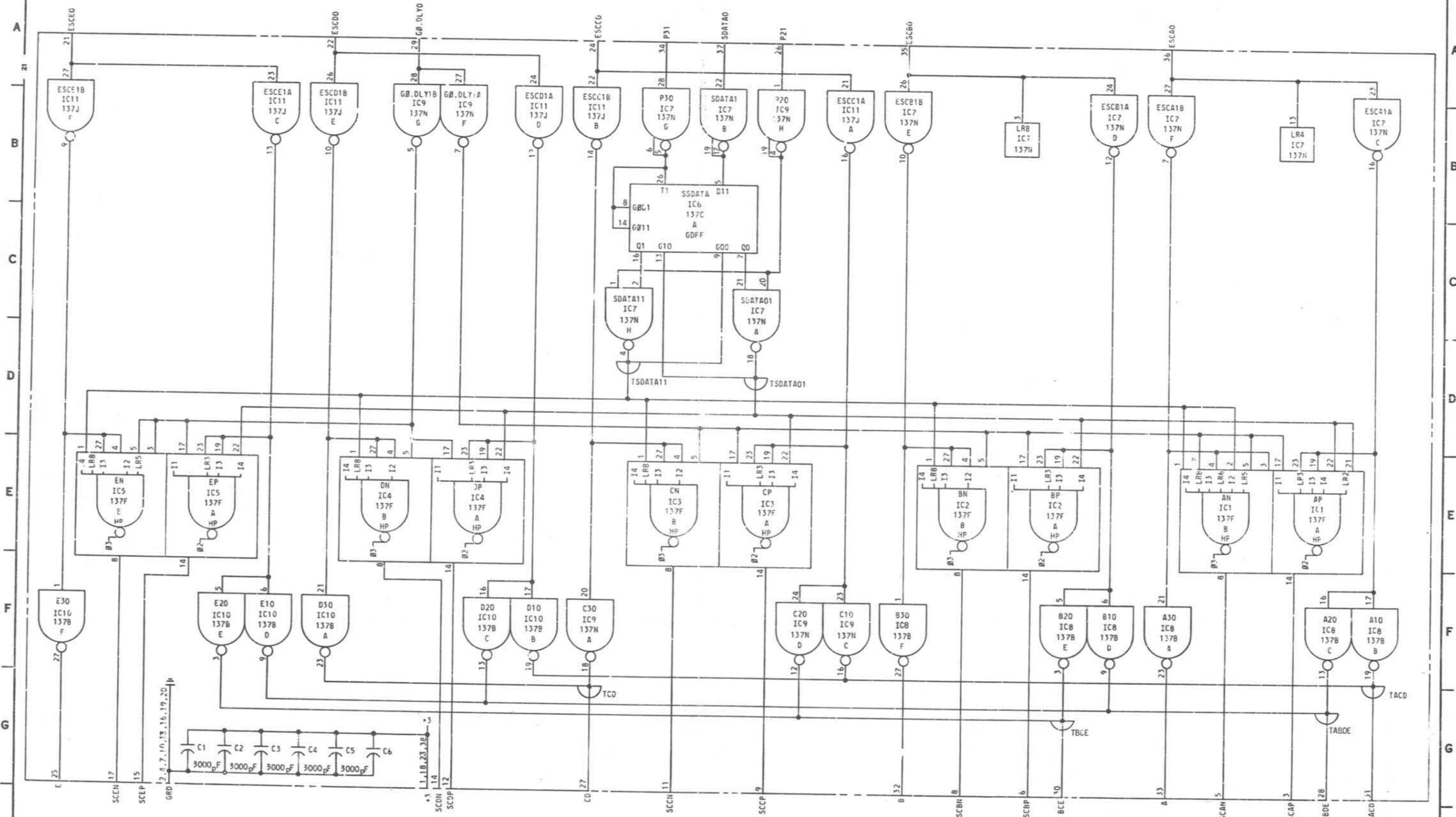
## CIRCUIT DESCRIPTION

CPS-FC201

FC201 CIRCUIT PACK
ISSUE 1

BELL TELEPHONE LABORATORIES  
INCORPORATED
6S
CPS-FC201  
SHEET 5  
PRINTED IN U.S.A.

PART OF CMS 144D



CPS-FC201

144D IC

FC201 CIRCUIT PACK

BELL TELEPHONE LABORATORIES INCORPORATED

CPS-FC201 SHEET 6

65

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# PART OF CMS 144D

## COMPONENT LIST

### INTEGRATED CIRCUITS

LOC CODE ELEM ID	IC1 137F (NOTE 1)		IC2 137F (NOTE 1)		IC3 137F (NOTE 1)		IC4 137F (NOTE 1)		IC5 137F (NOTE 1)		LOC CODE ELEM ID
	DESIG AP AN	SH LOC 6E9 6E8	DESIG BP 8N	SH LOC 6E7 5E6	DESIG CP CN	SH LOC 6E5 6E4	DESIG DP DN	SH LOC 6E3 6E2	DESIG EP EN	SH LOC 6E1 6E0	
A											A
B											B
C											C
D											D
E											E
F											F
G											G
H											H

LOC CODE ELEM ID	IC6 137C		IC7 137N		IC8 137B		IC9 137N		IC10 137B		IC11 137J		LOC CODE ELEM ID
	DESIG SSDATA	SH LOC 684	DESIG SDATA01 SDATA1	SH LOC 605 684	DESIG A30 A10 A20 B10 B20 B30	SH LOC 6F8 6F9 6F7 6F7 6F6	DESIG C30 C10 C20	SH LOC 6F4 6F5 6F5	DESIG D30 D10 D20 E10 E20 E30	SH LOC 6F2 6F3 6F3 6F1 6F0	DESIG ESCE01A ESCE01B ESCE1A ESCE1B ESCE1A ESCE1B	SH LOC 685 685 681 683 682 680	
A													A
B													B
C													C
D													D
E													E
F													F
G													G
H													H

### CAPACITORS

DESIG	CODE
(b) C1-C6	801A, 3000PF

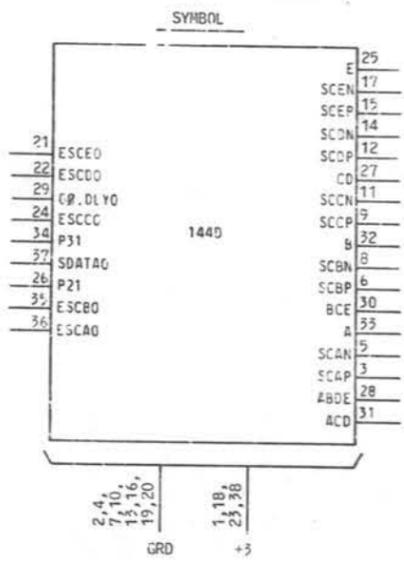
### NOTES:

1. CAPACITOR CHIP 801A, 3000PF, IS BONDED ON EACH SIDE OF 137F SIC.

### CIRCUIT DESCRIPTION

### SUPPORTING INFORMATION

CATEGORY	NC
INTEGRATED CIRCUIT	144D
SERIES FOR LATEST CLASS "A" CHANGE (ANY HIGHER SERIES IS ACCEPTABLE)	3



BATTERY AND GRD TERMINALS FOR INTEGRATED CIRCUITS

IC CODE	+3 TERM.	GRD TERM.
137B	25	11
137C	25	11
137F	25, 26	11, 12
137J	25	11
137N	25	11

CPS-FC201

I44DIC
ISSUE 1

FC201 CIRCUIT PACK

BELL TELEPHONE LABORATORIES  
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6S

CPS-FC201  
SHEET 7