

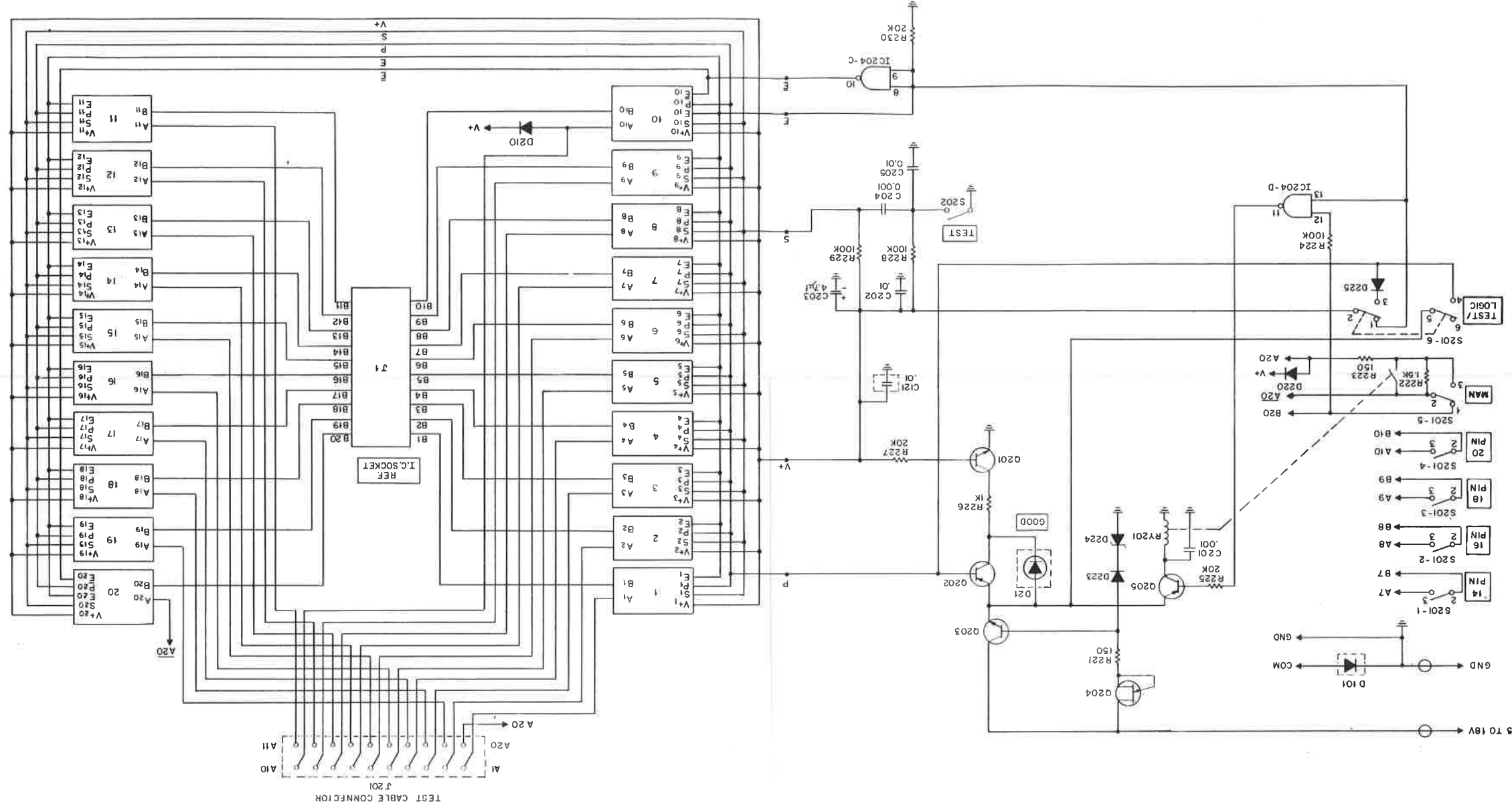
DESCRIPTION	B & K-PRECISION PART NO.
INTEGRATED CIRCUITS	
.....	308-352-9-001
.....	308-353-9-001
.....	308-354-9-001
.....	308-114-9-001

SWITCHES	
ST DIP	082-013-9-001
Pushbutton Assembly	088-140-9-001
PFST Pushbutton	088-139-9-001

MISCELLANEOUS	
.....	447-002-9-001
Socket	762-032-9-001
Angle Mount Connector	770-027-9-001
Assembly	428-083-9-001
t Clip	523-814-9-001
t Clip	523-815-9-001
Label	483-593-9-001
PCB Connector	757-111-9-001
a PCB Connector	757-112-9-001
be And Wire Assembly	522-080-9-002
robe And Wire Assembly	522-080-9-010
Black	384-018-9-001
Black	260-423-9-001
Black	260-423-9-003
Black	271-318-9-001
Black	271-319-9-001
Black	388-084-9-001
Phillips	
crew (For J1)	621-006-1-303
it (For J1)	641-205-1-103
er (For J1)	724-078-9-001
Phillips Pan	
(For J201)	623-008-1-301
it (For J201)	643-206-1-304
er (For J201)	731-066-9-001
Lo Self Threading	
crew (For Case)	704-914-1-901
anual	480-491-9-001

ORDERING INFORMATION
 ge for each invoice. Orders will be shipped
 en account arrangements have been made or
 order. Advance remittance must cover
 ess charges. Specify model and serial number
 t parts.

REPLACEMENT PARTS FROM:
 cision, Dynascan Corporation
 tory Service Operations
 0 West Cortland Street
 hicago, Illinois 60635
 ephone: (312) 889-8870
 Telex: 25-3475

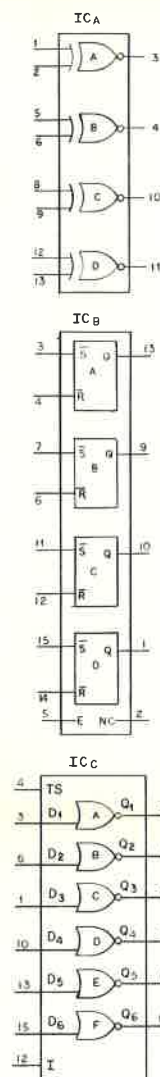
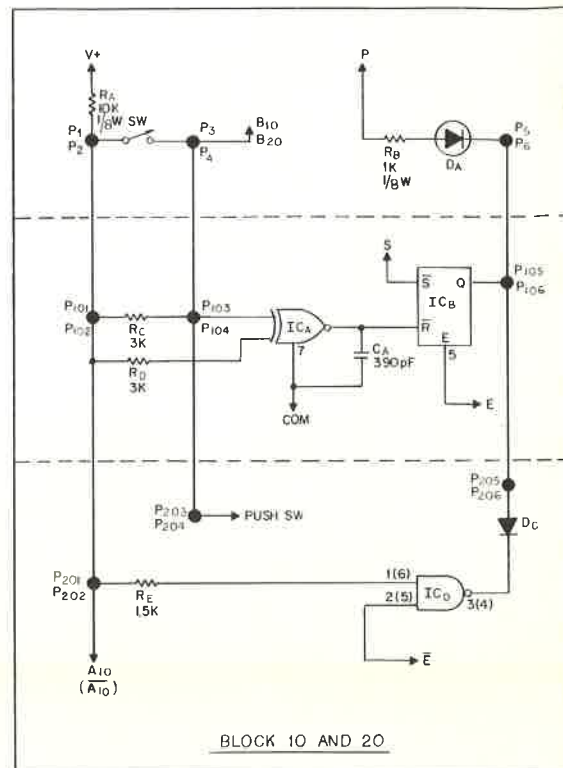
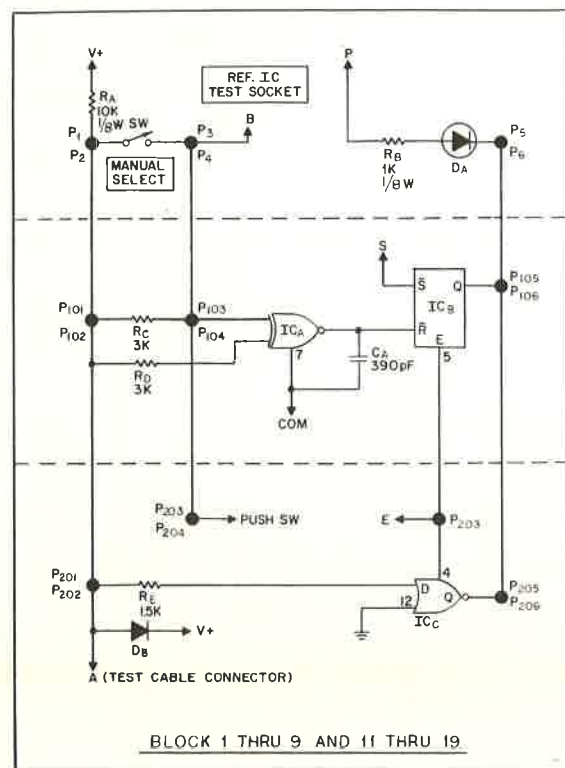


NOTES:
 1. PUSH BUTTON SWITCHES ARE ALL SHOWN IN UP POSITION

TOP
P.C. BOARD

MIDDLE
P.C. BOARD

BOTTOM
P.C. BOARD



BLOCK	RA	RB	RC	RD	RE	DA	DB	DC	CA	SW	ICA	ICB	ICC	ICD
#1	R 1	R 21	R101	R121	R 201	D 1	D201		C101	SI-1	101-A	106-A	201-A	
#2	R 2	R 22	R102	R122	R 202	D2	D202		C102	SI-2	101-B	106-B	201-B	
#3	R 3	R 23	R103	R123	R 203	D3	D203		C103	SI-3	101-C	106-C	201-C	
#4	R 4	R 24	R104	R124	R 204	D4	D204		C104	SI-4	101-D	106-D	201-D	
#5	R 5	R 25	R105	R125	R 205	D5	D205		C105	SI-5	102-A	107-A	201-E	
#6	R 6	R 26	R106	R126	R 206	D6	D206		C106	SI-6	102-B	107-B	201-F	
#7	R 7	R 27	R107	R127	R 207	D7	D207		C107	SI-7	102-C	107-C	202-A	
#8	R 8	R 28	R108	R128	R 208	D8	D208		C108	SI-8	102-D	107-D	202-B	
#9	R 9	R 29	R109	R129	R 209	D9	D209		C109	SI-9	103-A	108-A	202-C	
#10	R10	R 30	R110	R130	R 210	D10	D210	D221	C110	SI-10	103-B	108-B		204-A
#11	R11	R31	R111	R131	R 211	D11	D211		C111	SI-11	103-C	108-C	202-E	
#12	R12	R32	R112	R132	R 212	D12	D212		C112	SI-12	103-D	108-D	202-F	
#13	R13	R33	R113	R133	R 213	D13	D213		C113	SI-13	104-A	109-A	203-A	
#14	R14	R34	R114	R134	R 214	D14	D214		C114	SI-14	104-B	109-B	203-B	
#15	R15	R35	R115	R135	R 215	D15	D215		C115	SI-15	104-C	109-C	203-C	
#16	R16	R36	R116	R136	R 216	D16	D216		C116	SI-16	104-D	109-D	203-D	
#17	R17	R37	R117	R137	R 217	D17	D217		C117	SI-17	105-A	110-A	203-E	
#18	R18	R38	R118	R138	R 218	D18	D218		C118	SI-18	105-B	110-B	203-F	
#19	R19	R39	R119	R139	R 219	D19	D219		C119	SI-19	105-C	110-C	202-D	
#20	R20	R40	R120	R140	R 220	D20	D220	D222	C120	SI-20	105-D	110-D		204-B

CONNECTION NOT SHOWN

	V+	GND	COM
ICA (CD4077B)	PIN 14		PIN 7
ICB (CD4044B)	PIN 16	PIN 8	
ICC (MC14502B)	PIN 16	PIN 8	
ICD (CD 4011B)	PIN 14	PIN 7	

NOTES:

- UNLESS OTHERWISE NOTED:
A. ALL RESISTORS ARE IN OHMS, 1/4W, 5%, DEPOSITED CARBON.
B. ALL CAPACITORS ARE IN MICROFARADS.
- TITLES IN RECTANGLES ARE PANEL NOMENCLATURE.
- THIS SCHEMATIC SUBJECT TO CHANGE WITHOUT NOTICE.

SYMBOLS USED	SYMBOLS NOT USED
R1-40, 101-140, 201-230	
C101-121, 201-205	
D1-21, 101, 201-225	
Q201-205	
IC101-110, 201-203	
SI-2, 201-202	
J1, 201	
P1-6, 101-106, 201-206	
RY 201	

SCHEMATIC SYMBOL	UNLISTED RESISTOR	UNLISTED CAPACITOR	UNLISTED DIODE	UNLISTED IC
R1-20	10			
R21-40	1			
C101-120	3			
C121	0			
C201	0			
C202	0			
C203	4			
C204	0			
C205	0			
D1-21	1			
D101	1			
D201-223	11			
D224	11			
D225	11			
Q201	M			
Q202	M			
Q203	M			
Q204	M			
Q205	M			

SCHEMATIC
PART

NOTATION

USA IN

INTEGRATED CIRCUITS

IC101 - 105	CD4077B.....	308-352-9-001
IC106 - 110	CD4044B.....	308-353-9-001
IC201 - 203	MC14502BCP.....	308-354-9-001
IC204	CD4011B.....	308-114-9-001

SWITCHES

S1, 2	10 Section SPST DIP	082-013-9-001
S201	6 Station Pushbutton Assembly	088-140-9-001
S202	Momentary SPST Pushbutton	088-139-9-001

MISCELLANEOUS

RY201	Relay	447-002-9-001
J1	20 Pin ZIF IC Socket	762-032-9-001
J201	20 Pin Right Angle Mount Connector.....	770-027-9-001
	16 Pin Cable Assembly.....	428-083-9-001
	16 Pin IC Test Clip.....	523-814-9-001
	20 Pin Cable Assembly.....	428-084-9-001
	20 Pin IC Test Clip.....	523-815-9-001
	IC Test Clip Label.....	483-593-9-001
	12 Pin Male PCB Connector.....	757-111-9-001
	12 Pin Female PCB Connector.....	757-112-9-001
	12 Pin Female PCB Connector.....	757-112-9-001
	Red Hook Probe And Wire Assembly.....	522-080-9-002
	Black Hook Probe And Wire Assembly.....	522-080-9-010
	Pushbutton, Black.....	384-018-9-001
	Name Plate.....	260-423-9-001
	Front Panel Inlay.....	260-423-9-003
	Case, Top.....	271-318-9-001
	Case, Bottom.....	271-319-9-001
	Anti-Skid Pad.....	388-084-9-001
	#0-80 x 3/8" Phillips Flat Head Screw (For J1)	621-006-1-303
	#0-80 Hex Nut (For J1)	641-205-1-103
	#0 Flat Washer (For J1)	724-078-9-001
	#2-56 x 1/2" Phillips Pan Head Screw (For J201).....	623-008-1-301
	#2-56 Hex Nut (For J201)	643-206-1-304
	#2 Lock Washer (For J201).....	731-066-9-001
	#4 x 7/16 Hi/Lo Self Threading Pan Head Screw (For Case)	704-914-1-901
	Instruction Manual	480-491-9-001

PARTS ORDERING INFORMATION

There is a minimum charge for each invoice. Orders will be shipped C.O.D. unless previous open account arrangements have been made or remittance accompanies order. Advance remittance must cover handling, postage, or express charges. Specify model and serial number when ordering replacement parts.

ORDER REPLACEMENT PARTS FROM:

B & K-Precision, Dynascan Corporation
Factory Service Operations
6460 West Cortland Street
Chicago, Illinois 60635
Telephone: (312) 889-8870
Telex: 25-3475

