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REVISIONS				
REV.	DESCRIPTION	DRFTG.	APP. BY	DATE
	SEE BELOW FOR ECO # & REV			

TTI START (0)
SYNC 1 (0)
ILU (1)
INPUT CLOCK
TTI RUN
TTI START
SPIKE DET.
IN LINE (0)
+V MEM
B440
R50 470Ω 2W
SEE NOTE 1
+5V
R48 3K
Q10 2N4123
B69
C39 1 Mfd.
SEE NOTE 2
R49 4.7K
CR5 600
-5V
CANNON DEC-95
TTI START (0)
TO RESET
TTI RUN (0)
SYNC 0 (0)
SYNC 2
SYNC 1
SYNC 0
TTI RUN (1)
ILU (1)
+3V
TTI RUN (1)
DATA 8 B60
DATA 9 B63
DATA 10 B75
DATA 11 B58
DATA 12 B69
DATA 13 B64
DATA 14 B56
DATA 15 B66
O.C. U20
O.C. U22
TTI DATI
U21
U41
TTI0(I) TTI1(I) TTI2(I) TTI3(I)
TTI4(I) TTI5(I) TTI6(I) TTI7(I)
TTI3(C)
IO RESET
SPIKE DET(0)
SYNC 0(1)
READER START
READER RUN
READER STOP
W9
W8
TTI3 (0)
OCH U36
A89
.05 MFD
CANNON DEC-95
TTI RUN(0)
BREAK DET U6
IN LINE(0)
SPIKE DET(1)
U7
U8
TT RESET
R33 1K
R74
10PLS
C9 100 PF
SYNC 0(1)
ILU
DATA 12
DATA 13
DATA 14
DATA 15
OC U5
TTI SELECT
C11 MD AP
R41 1K
A42
DAT 18
R10 3K
R13 3K
R14 3K
Q3 2N4123
Q5 2N4123
Q4 2N4123
R11 4.7K
R13 4.7K
R12 4.7K
CR1 600
CR3 600
CR2 600
CARRIER DETECTOR B52
DATA SET READY B54
RING INDICATOR B53
OPTION 4029
TTO0(I) TTO1(I) TTO2(I) TTO3(I) TTO4(I) TTO5(I) TTO6(I) TTO7(I)
U37
TTO EMPTY
TTO FINISH
STOP1 (1)
START (1)
U17
U39
INPUT CLOCK
U26
U9
R16 3K
+5V
R17 3K
CARRIER DETECT B52
Q6 2N4123
CR4 600
OPTION 4029
DATA OUT A
TTO SELECT
TTO BUSY (0)
U47
U48
STOP1 (1)
TTO EMPTY
U45
U46
TTO BUSY (1)
U16
U15
U35
STOP2
STOP1(I) TTO0(I) TTO1(I)
TTO2(I) TTO3(I) TTO4(I) TTO5(I)
TTO6(I) TTO7(I) START(I) LINE(I)
TTO CLR+RST
LINE (0)
R30 3K A87
R32 3K
R31 3K
CANNON DEC-95
O.C. U19
O.C. U18
DATA 8
DATA 9
DATA 10
DATA 11
DATA 12
DATA 13
DATA 14
DATA 15
INTR B29
RQENB
TTO INT. REQ.
TTO INT. DISABLE (0)
TTO DONE (1)
TTI INT. DISABLE (0)
TTI INT. REQ.
TTI DONE (1)
MSK0
TTO INT. DISABLE
TTI INT. DISABLE
DATA 15
DATA 14
TT RESET
U42
TTO DONE
U21
TTI DONE
ILU(C)
SPIKE DET (0)
START
TTO SELECT
TTO FINISH
TTO BUSY
CLEAR
START+CLR+RST
TTO CLR+RST
TTI SELECT
TT RDR BUSY
READER START
READER STOP
DATA IN A
TTI DATI
INT ACK
TTO INT. REQ (1)
TTO ACK
DATA 15
OPTION 4029
DATO B A56
R37 1K
C12 100 PF
R8 750
Q2 2N4125
R9 1.5K
DATA TERMINAL READY A79
R4 110
R3 1K
-5V
TT RESET
TTI DONE (1)
SELD A80
TTO DONE (1)
SELB A82
TTO BUSY (1)
TTI SELECT
TT RDR BUSY (1)
OCH U36
COMMON SELECT
BDS 3
BDS 4
BDS 5
U40
TTI SELECT
TTO SELECT
OPTION 4029
TTO DONE (0)
TTO BUSY (0)
R6 750
Q1 2N4125
R7 1.5K
C3 820 PF
R1 1K
R2 110
REQUEST TO SEND A76
OPTION 4023
SEE NOTES 1 AND 2
R26 750
Q8 2N4125
R25 1.5K
R29 110
R28 1K
Y2* 14.08 MC
C10 560 PF
R37 2.7K
R38 3.3K
R39 3.3K
R40 3.3K
R34 5.6K
R 4.7K
2N4125
R36 180
R35 220
U3
U2
U4
+V MEM
R25 1K
A83
A85
C31 .01 MFD
CANNON DEC-95
INPUT CLOCK
U23
OUTPUT CLOCK

NOTE 1: REMOVE 470Ω 2W RES (R50) WHEN INSTALLING 4023 OPTION

NOTE 2: CHANGE 1MFD CAPACITOR (C39) TO .01 MFD WHEN 4023 OPTION INSTALLED

NOTE: CAPACITORS C16, C17, C18 C19, C21, C22, C23, C24 C32, C34, C35, C36, C38 ARE .05 MFD. CAPACITORS C20, C25, C40 ARE 6.8 MFD. THESE CAPACITORS ARE USED AS FILTERS AND BY-PASS CAPACITORS NOT SHOWN.

*CRYSTAL FREQUENCY OF Y2 DEPENDS ON BAUD RATE SPECIFIED BY THE CUSTOMER. (FREQ Y2 = 128 × BAUD RATE)

REV	DESCRIPTION	DRAFT	APP BY	DATE
08	ECO # 2460	R.M.C.		5-7-74

QTY.	DESCRIPTION	PART NO.

UNLESS OTHERWISE SPECIFIED— DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES XX ± XXX ± ± PARTS TO BE FREE FROM BURRS BREAK ALL EDGES .010
UNLESS OTHERWISE SPECIFIED - ALL MACH. SURFACES
MATERIAL
FINISH

DRAWN
CHECKED
ENGINEER
APPROVED
FIRST USED ON
SHEET OF

DATA GENERAL CORPORATION

TITLE
TELETYPE CONTROL

SIZE	CODE	DRAWING NUMBER	REV
D	001	000071	08