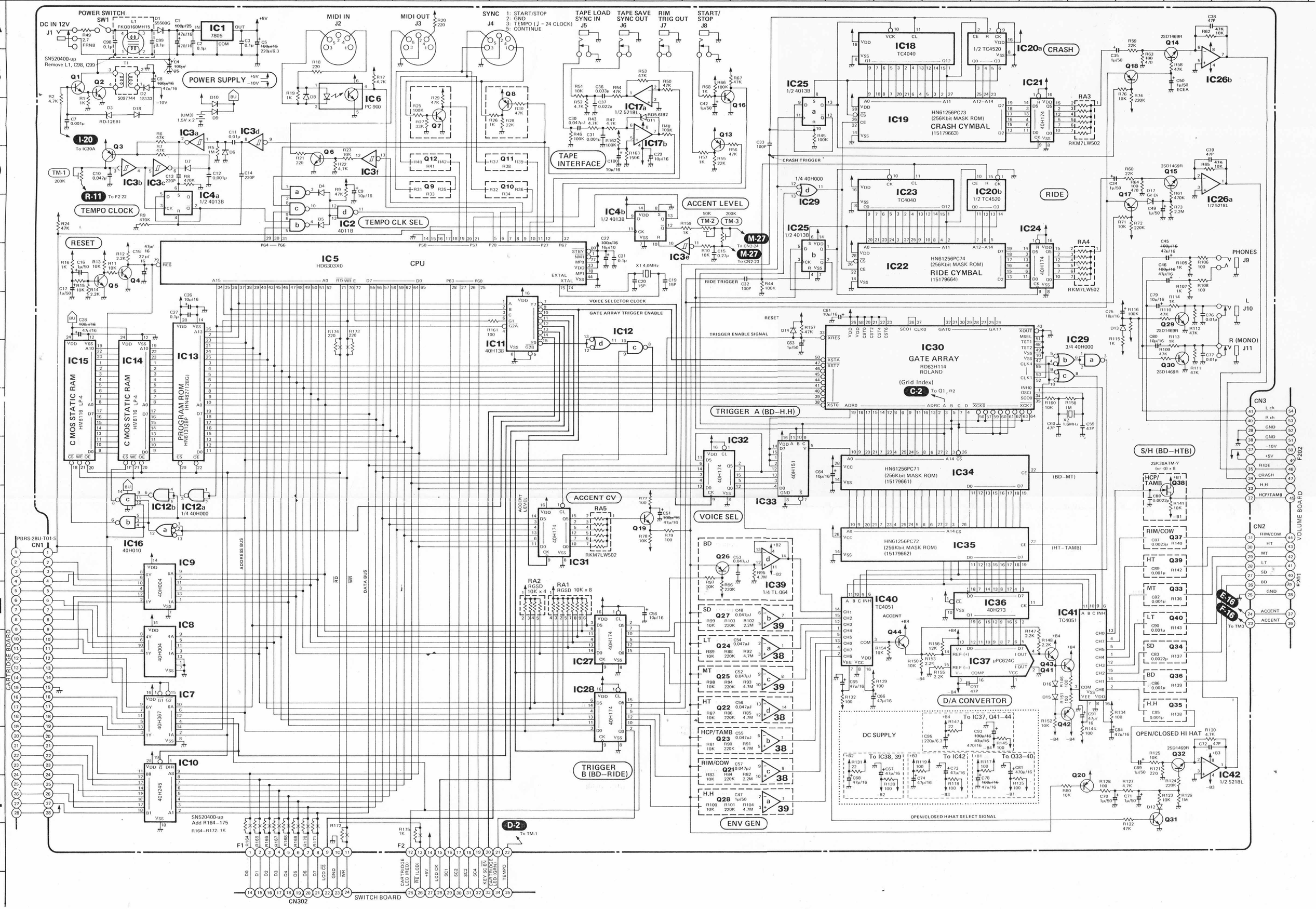

POWER SWITCH
DC IN 12V
J1
SW1
IC1 7805
POWER SUPPLY +5V −10V
MIDI IN J2
MIDI OUT J3
SYNC J4
1: START/STOP
2: GND
3: TEMPO (♩ = 24 CLOCK)
5: CONTINUE
TAPE LOAD SYNC IN J5
TAPE SAVE SYNC OUT J6
RIM TRIG OUT J7
START/STOP J8
IC6 PC-900
TAPE INTERFACE
IC17a 1/2 5218L
IC17b
IC25 1/2 4013B
IC18 TC4040
IC20a CRASH
IC19 HN61256PC73 (256Kbit MASK ROM) CRASH CYMBAL (15179663)
IC21
RA3
RKM7LW502
CRASH TRIGGER
IC26b
IC29 1/4 40H000
IC23 TC4040
IC20b 1/2 TC4520
RIDE
IC22 HN61256PC74 (256Kbit MASK ROM) RIDE CYMBAL (15179664)
IC24
RA4
IC26a 1/2 5218L
I-20 To IC30A
TM-1 200K
R-11 To F2 22
TEMPO CLOCK
IC3a IC3b IC3c IC3d IC3e IC3f
IC4a 1/2 4013B
IC4b 1/2 4013B
IC2 4011B
TEMPO CLK SEL
ACCENT LEVEL
50K 200K
TM-2 TM-3
M-27 To CN2-24
M-27 To CN2-23
RESET
IC5 HD6303X0 CPU
X1 4.0MHz
VOICE SELECTOR CLOCK
GATE ARRAY TRIGGER ENABLE
IC12
IC11 40H138
IC30 GATE ARRAY RD63H114 ROLAND
(Grid Index)
C-2 To Q1, R2
IC29 3/4 40H000
TRIGGER ENABLE SIGNAL
TRIGGER A (BD–H.H)
IC15 C MOS STATIC RAM HM6116 LP-4
IC14 C MOS STATIC RAM HM6116 LP-4
IC13 PROGRAM ROM (HN4827128G)
IC12b IC12a 1/4 40H000
IC16 40H010
IC32
IC33
IC34 HN61256PC71 (256Kbit MASK ROM) (15179661)
(BD–MT)
IC35 HNG1256PC72 (256Kbit MASK ROM) (15179662)
(HT–TAMB)
ACCENT CV
RA5
RKM7LW502
IC31
VOICE SEL
IC9 IC8 IC7 IC10
ADDRESS BUS
RD
WR
DATA BUS
RA2 RGSD 10K x 4
RA1 RGSD 10K x 8
IC27
IC28
IC39 1/4 TL-064
IC40 TC4051
ACCENT
IC36 40H273
IC41 TC4051
IC37 μPC624C
D/A CONVERTOR
DC SUPPLY
To IC37, Q41–44
To IC38, 39
To IC42
To Q33–40
OPEN/CLOSED HIHAT SELECT SIGNAL
TRIGGER B (BD–RIDE)
ENV GEN
BD SD LT MT HT HCP/TAMB RIM/COW H.H
S/H (BD–HTB)
OPEN/CLOSED HI HAT
IC42 1/2 5218L
PHONES J9
L J10
R (MONO) J11
CN3
CN2
VOLUME BOARD
F202
F201
E-16
F-16
To TM3
CARTRIDGE BOARD
PBRS-28U-T01-S
CN1
SN520400-up
Remove L1, C98, C99
SN520400-up
Add R164–175
R164–R172: 1K
F1
F2
D-2
To TM-1
CN302
SWITCH BOARD
D0 D1 D2 D3 D4 D5 D6 D7 LCD CS GND WR
CARTRIDGE LED (RED) RE (LCD) +5V LCD CK SC1 SC2 SC3 SC4 KEY SC EN LED (GRN) TEMPO