PIN ASSIGNMENT
TOP VIEW
NC 1
16' I OUT 2
SUSTAIN BIAS 3
Vss 4
C K8 5
C# K9 6
D K10 7
D# K11 8
E K12 9
(F) K13 10
RESET OUT 11
CLOCK IN 12
VDD 13
NC 14
15 NC
16 CLOCK OUT
17 RESET IN
18 K1 F
19 K2 F#
20 K3 G
21 K4 G#
22 K5 A
23 K6 A#
24 K7 B
25 STB IN
26 STB OUT
27 8' I OUT
28 NC
TMS3615
START/STOP TOUCH CONTROL
SAMBA
BOSSANOVA RHUMBA
DISCO ROCK
SWING BALLADROCK
WALTZ
COUNTRY MARCH
CANCEL
ONE FINGER
AUTO PLAY
PROGRAM PLAY
PROGRAM REC.
STRUM
ARPEGGIO
BP-7186
PUSH ON
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15
+B2
NORMAL
OF
PR
ALP
GND
R10
R12
TEMPO LAMP DRIVE
ALPEGGIO CHORD GATE
RHYTHM TRIG FROM BP7192
BP7194
MASTEER OSCILLATOR
667 KHz
BASS AMPLIFIER
BASS FILTER
OBOE
STRING
FLUTE
HARP
VIB. OSC
3.5Hz
MARI. OSC
7.0Hz
POWER AMPLIFIER
LA4440
MIC AMPLIFIER
GRAND BAR
TR Q2·Q9·Q12·Q18·Q19
Q20·Q23·Q26~Q29 --C536NPF
Q5·Q6·Q7·Q8 --C1571F
Q21·Q22 --C458C
Q3·Q4·Q10·Q11
Q13·Q14·Q24·Q25 --A608NPF
Q15·Q16·Q17 --K30GR
IC #A1 -- LA4440
#A2 -- L78M05
#A3 -- TC4069UBP
#A4 -- TC4081BP
#A5 -- TC4066BP
#B1 -- AN6552
#B2 -- 〃
#C1 -- 〃
#C2 -- 〃
#C3 -- TMS3615
#C4 -- SN7407
#D1 -- TC4069UBP
#D2 -- SN7407
GRAY
ORENGE
RED
BLACK
POWER SW.
6800μF
POWER TRANSFORMER
PTGX151 24VA
115V
AC 115V 50/60Hz
EXT-DC
MIC-IN
EXP
EXT IN
EXT OUT
EXT SP
HEAD PHONE
10CM SP8Ω
BP 7137
DOWN BEAT
HARP MARIMBA VIBRAPHONE SUSTAIN TOTAL MIC
PRESETS
PUSH ON
ACC.
RHYTHM
100K(C)
RHYTHM TEMPO
RHYTHM TEMPO OSCILLATOR
FAST SLOW
FAST 4.2Hz
SLOW 6.0Hz
IC #A1 -- TC4069UBP
IC 7PIN GND
IC 14PIN +5
BP7190
4bit CPU
IC8 HMCS45C
IC9 74154
IC#A1~#A5 --TMS3615
AN6552
BP7192
BP7135 KEY SW.
BACK UP HOLT
BP7133 KEY SW.
HMCS45C
HOLT
+B2
GND
TONE LEVER
FLUTE 8'
FLUTE 4'
OBOE 8'
VIOLIN 8'
VIBRATO
6.8Hz
IC#A1 TC4069UBP
BP7191
VIBRATO OSCILLATOR
BLACK
RED
PILOT LAMP
GND GND VIB +B3
FROM BP7171 (P11)
MEASURE FULL
HALF
END
START
BP-7189
GRAY BROWN BLACK
BP7195
7th MINOR
PUSH ON
MINOR 7th SW.

※ UNLESS OTHERWISE SPECIFIED ALL CAPACITORS ARE IN PICA