

Row & Column numbering correspond to the assigned CN2 pin inside the keyboard.

SW1 RH CTRL
SW2 LH CTRL
SW3 RH SHIFT
SW4 LH SHIFT

SW5 F8
SW6 F9
SW7 F10
SW8 F11
SW9 F12
SW10 PRINT SCREEN
SW11 SCROLL LOCK
SW12 PAUSE

SW13 ? /
SW14 - \
SW15 UP
SW16 LEFT
SW17 DOWN
SW18 RIGHT
SW19 PAGE DOWN
SW20 PAGE UP

SW21 > .
SW22 無変換
SW23 カタカナ
SW24 前候補
SW25 SPACE
SW26 Z
SW27 END

SW28 K
SW29 L
SW30 + :
SW31 * :
SW32]}
SW33 ENTER
SW34 X
SW35 HOME

SW36 I
SW37 0
SW38 P
SW39 { @
SW40 [{
SW41 DELETE
SW42 A
SW43 INSERT

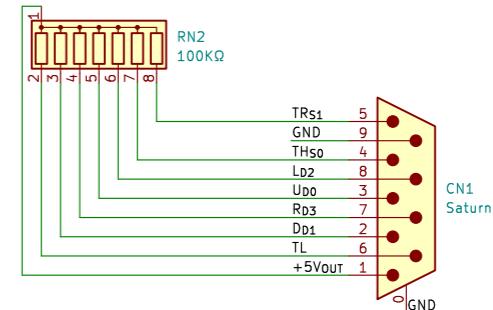
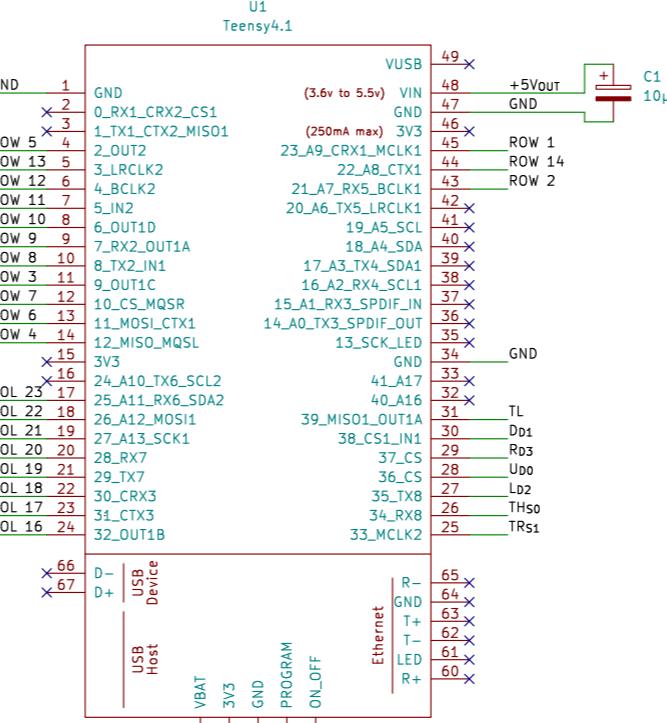
SW44 (8
SW45) 9
SW46 ~ 0
SW47 = -
SW48 ^
SW49 | ¥
SW50 S
SW51 BACKSPACE

SW52 < ,
SW53 M
SW54 N
SW55 B
SW56 V
SW57 C
SW58 J
SW59 H
SW60 G
SW61 F
SW62 D
SW63 CAPS LOCK

SW64 U
SW65 Y
SW66 T
SW67 R
SW68 W
SW69 TAB
SW70 E
SW71 半角/全角

SW72 ' 7
SW73 & 6
SW74 % 5
SW75 \$ 4
SW76 # 3
SW77 " 2
SW78 Q
SW79 ! 1

SW80 F7
SW81 F6
SW82 F5
SW83 F4
SW84 F3
SW85 F2
SW86 ESC
SW87 F1
SW88 RH ALT
SW89 LH ALT



Controller Pinout
Pin 1 = +5V power
Pin 2 = Data 1
Pin 3 = Data 0
Pin 4 = REQUEST (S1/TR)
Pin 5 = SELECT (S0/TH)
Pin 6 = ACKnowledge (TL)
Pin 7 = Data 3
Pin 8 = Data 2
Pin 9 = GND

PCB CN1 Pinout
Pin 1 = Data 3 (controller pin 7)
Pin 2 = Data 2 (pin 8)
Pin 3 = Data 1 (pin 2)
Pin 4 = Data 0 (pin 3)
Pin 5 = SEL (pin 4)
Pin 6 = GND (pin 9)
Pin 7 = ACK (pin 6)
Pin 8 = SEL (pin 5)
Pin 9 = +5V (pin 1)



github.com/BrettHallen
www.youtube.com/@Brfff
Brett Hallen

Sheet: /
File: Sega_Saturn_Keyboard.kicad_sch

Title: Sega Saturn Keyboard (HSS-0129)

Size: A3 Date: 3/DEC/2025
KiCad E.D.A. 9.0.5

Rev: WIP
Id: 1/1