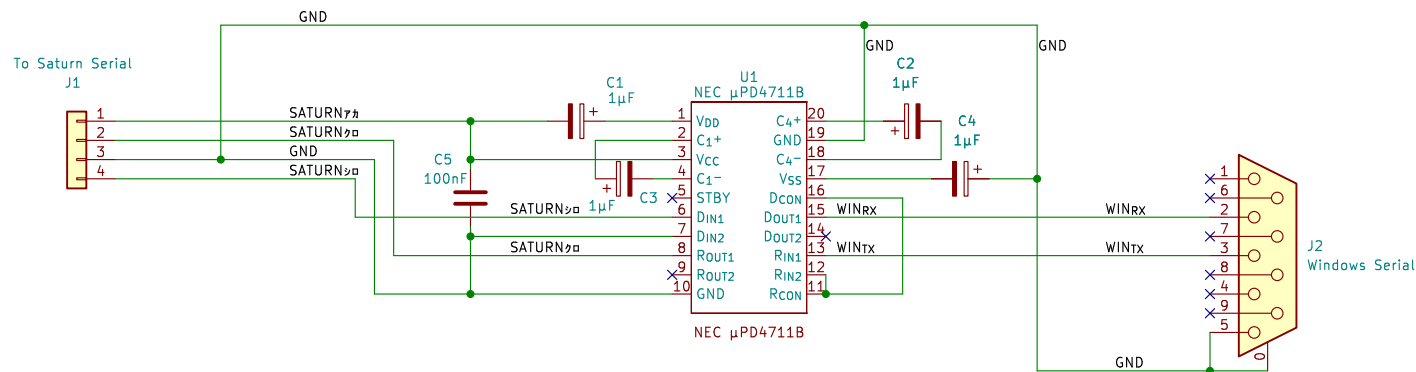Sega Saturn Serial
J3

SATURNアカ
SATURNシロ
SATURNクロ
GND
GND

SATURNシロ (WHITE): Tx from Saturn (TTL) to PC (RS232)
SATURNクロ (BLACK): Rx from PC (RS232) to Saturn (TTL)
SATURNアカ (RED): +5V from Saturn
シールド (SHIELD): ground

To Saturn Serial
J1

SATURNアカ
SATURNクロ
GND
SATURNシロ

GND

U1
NEC μPD4711B

C1 1μF
C2 1μF
C4 1μF
C5 100nF
C3 1μF

V_{DD}
C_{1+}
V_{CC}
C_{1-}
STBY
D_{IN1}
D_{IN2}
R_{OUT1}
R_{OUT2}
GND

C_{4+}
GND
C_{4-}
V_{SS}
D_{CON}
D_{OUT1}
D_{OUT2}
R_{IN1}
R_{IN2}
R_{CON}

WIN$_{RX}$
WIN$_{TX}$

NEC μPD4711B

SATURNシロ → RS232 RxD
SATURNクロ ← RS232 TxD

J2
Windows Serial

GND

SATURNシロ → RS232 RxD
SATURNクロ ← RS232 TxD

GAME BASIC for SEGA SATURN

Windows通信ケーブル
本製品を直接パソコンに接続しないでください。
パソコンとの接続の仕方はチュートリアルマニュアルをご覧下さい。

Windows Communication Cable
Do not connect this product directly to a computer.
Please see the tutorial manual for how to connect to a computer.

Brett:
Further reading seems to indicate that this cable is simply an RS232
straight-through/modem cable, terminating in either DB25 or DE9 as
required by your particular computer.
The warning may be because the cable itself is quite short so
impractical for connecting between Saturn & Windows machine.

Drawn by Brett Hallen, Oct 2023/Dec 2025
youtube.com/@brfff

ASCII Corp.

Sheet: /
File: Saturn_Windows_Comm_Cable.kicad_sch

Title: Windows Communication Cable

Size: A4   Date: 7/DEC/2025   Rev: A
KiCad E.D.A. 9.0.5   Id: 1/1