NAND gates based data Multiplexer

Signal Shaper, Phase Inverter & Amplifier

Photos of original PCB:

Wire colours:

GREEN	data input from limiter
YELLOW	+5V
BLACK	GND
ORANGE	FSK decoder output
RED	MPX signal
BROWN	MUX data out

Blizzard Turbo interface baed on single IC + one NPN transistor

- resistor values are guessed (only poor quality photos was available)
- IC is guessed (chip marking is erased) but only 7400 or 7403 is suitable
  (Warning! With 7400 the output on SIO data line will be without Open Collector)
- NPN type was guessed (not visible on photo, but this must be an NPN type, BC107, BC108 or BC109)

Sheet: /
File: blizzard_one_chip.sch (reverse engineered from photos delivered by wujuj23 atari.area user)

Title: Blizzard Turbo "One Chip" version

Size: A4	Date: 2023.05.10, drawn by Seban/Slight	Rev: 1.0 / guessed
KiCad E.D.A. eeschema 5.1.9+dfsg1-1+deb11u1		Id: 1/1