

t=0x961f6780 [0,0]

Contents: [Dobrica PavlinuÅjiÄ 's random unstructured stuff]

- Dobrica PavlinuÅjiÄ 's random unstructured stuff (chip pinout)
- Dobrica PavlinuÅjiÄ 's random unstructured stuff (T1004 920-000191-03RevA)
 - ◆ Dobrica PavlinuÅjiÄ 's random unstructured stuff (N32N LS-734)
- Dobrica PavlinuÅjiÄ 's random unstructured stuff (T1006 920-000489-01RevA)
- Dobrica PavlinuÅjiÄ 's random unstructured stuff (T1006 920-000565-01RevA)

- <http://sparktronics.blogspot.de/2008/05/synaptics-t1004-based-touchpad-to-ps2.html>
- <http://www.plastibots.com/index.php/2011/03/23/dual-led-desk-light-controller-arduino/>

chip pinout

```

9-scroll down~
8-scroll up~
7-left click~
6-right click~
5-
4-
3-clk
2-data
1-
o <- dot on chip
44444
45678
| | | | |
| |
|+-GND
+5V

```

T1004 920-000191-03RevA

connector pinout

t=0x961f658

1	5V	T20, T22	cell=0x961f978 [0,2]
2	DATA		cell=0x961fca8 [1,2]
3	CLK		cell=0x961ffc8 [2,2]
4	RIGHT CLICK	T4	cell=0x9620358 [3,2]
5	LEFT CLICK	T6	cell=0x9620688 [4,2]
6	GND	T11, T10	cell=0x9620968 [5,2]
7	SCROLL UP	T5	cell=0x9620ce8 [6,2]
8	SCROLL DOWN		cell=0x9621018 [7,2]

N32N LS-734

Additional U shaped board from Compaq laptop with buttons on it

JP4 - to synaptics touch pad

JP1 - to motherboard

t=0x9621a00

1	red	5V	[0, 2]
2	green	5V	[1, 2]
3	yellow	switch SW5	[2, 2]
4	blue	LED D1	[3, 2]
5	gray	GND	[4, 2]
6	pink	DATA	[5, 2]
7	cyan	CLK	[6, 2]
8	purple	GND	[7, 2]

Connecting to PS2 port demo: <https://youtu.be/78CuKT-gVV4>

T1006 920-000489-01RevA

HP laptop

connector pinout

t=0x9623930

1	5V	T20, T22 (after R470)	[0, 2]
2	DATA	T11	[1, 2]
3	CLK	T10	[2, 2]
4	GND	T23, T30	[3, 2]
5			[4, 2]
6		PIN4	[5, 2]
7			[6, 2]
8		PIN5	[7, 2]

test points:

T20 - 5V - R470 - T22

T23, T30 - GND

T11 - data

T10 - clk

T7 - left

T6 - right

T4 - up

T5 - down

T1006 920-000565-01 RevA

t61p, has flex cable for connector

JP1

t=0x96264b8

1		cell:01160281687150,0102,6518 [0,2]
2	GND	cell:01160281687150,0102,6158 [1,2]
3		cell:01160281687150,0102,6178 [2,2]
4	GND	cell:01160281687150,0102,7238 [3,2]
5		cell:01160281687150,0102,7518 [4,2]
6		cell:01160281687150,0102,7978 [5,2]
7	GND	cell:01160281687150,0102,7138 [6,2]
8	5V	T22 - R470 - T20 - pin 44
9		cell:01160281687150,0102,8568 [8,2]
10	CLK	T11, pin 3
11	DATA	T10, pin 2
12	GND	cell:01160281687150,0122,3148 [11,2]
13		cell:01160281687150,0122,3148 [12,2]