Statement of Compliance

Product Type	**Systemboard**
Brand Name	**Fujitsu Siemens Computers**
Product Name	**S26361-D2841** (The product name may be followed by any combination of letters and numbers.)
Address	Fujitsu Siemens Computers GmbH Buergersmeister Ulrich Str. 100 86899 Augsburg, Germany

The above listed Product was proved by the application of the following standards:

EN 60950-1:2001 + A11:2004	**UL 60950-1, first edition** **CSA 22.2 No. 60950-1-03**	**Safety of information technology equipment**

During installation in an end application additional requirements in accordance with Standards EN 60950-1, UL 60950-1 and CSA 22.2 No. 60950-1 have to be taken into account.

The compliance to above standards was performed by the following accredited testlab:

Fujitsu Siemens Computers GmbH
Center for Tests and Compliance
Buergermeister-Ulrich-Straße 100
86199 Augsburg, Germany
www.fujitsu-siemens.com/testcenter

Accredited by:	Deutscher Akkreditierungsrat
Number of accreditation:	DAT-P-155/94-02
Certificate number:	SOC+1BU08-0072+S02
Report number:	CHK+1BU08-0072+S02

Augsburg, Jan. 23, 09

Andreas Kripahle
Senior Manager

Andreas Brause
Engineer

This statement of compliance based on the tested sample(s). Modifications on the product could be result in a disharmony with the standard EN60950-1.

Type: Board
Manufacturer: Fujitsu Siemens Computers GmbH
Part/model/cat. no.: S26361-D2841
(The part number may be followed by any combination of letters and numbers.)

		Result
PWB material *) UL-recognized and min. UL 94V-1		P
Connector (housing) material UL-recognized and min. UL 94V-2		P
Battery		P
- Type (Lithium / Li-ion-pack etc.):	Lithium	
- Mfr.'s part/model/cat. no.:	*)	
- Manufacturer:	*)	
- UL-recognized:	*)	
- Protection (-circuitry) of the battery:	1kΩ resistor and diode	
Power externally supplied via the PCB-board		P
- Protection type:	PTC, Fuse	
- Mfr.'s part/model/cat. no.:	*)	
- Manufacturer:	*)	
- UL-recognized:	*)	
Laser components		NA
- Mfr.'s part/model/cat. no.:	-	
- Manufacturer:	-	
- Certificate according to IEC 60825-1	-	

Supplementary information

*) refer to attached components list
The board was electrical measured with order no.: CHK+1BU08-0072+S01

Test case verdicts	
Test case does not apply to the test object :	NA
Test item does meet the requirement .....:	P(ass)
Test item does not meet the requirement ...:	F(ail)

Tested by:	Andreas Kripahle	20 January 2009

Components, can be used alternative

Printed wiring boards

Vendor	Vendor reference	Rated	UL File No.
CMK Global Brands MFR Ltd	DS or ML	UL94V-0	E211079
Topsearch Printed Circuits	TS-M-8V03	UL94V-0	E96016
Topsearch Printed Circuits	TS-M-8V01C	UL94V-0	E96016
Elec & Eltek Co Ltd	E3330BM	UL94V-0	E54926
Kalex Circuit Board Ltd	K688	UL94V-0	E81159
Bestmult Industry Co Ltd	101	UL94V-0	E97362
Maxedge	MEC-2	UL94V-0	E179889
Maxedge	MEC-6	UL94V-0	E179889
Kubatronik	U1	UL94V-0	E111380
Dynamic Electronics	NM0-V0	UL94V-0	E150630
Merix Corp	M1	UL94V-0	E161964
GUL Tech China	GTW 12	UL94V-0	E244417
KCE Thailand	KCE MV-1	UL94V-0	E88599
Paltech China	PAL-B	UL94V-0	E197709
Unitech Taiwan	-	UL94V-0	E97564
Hannstar	MV-4 or MV-6	UL94V-0	E89282
Foxconn	ML1	UL94V-0	E253117

Lithium batteries

Vendor	Vendor reference	Rated *)	UL File No.
Hitachi Maxell	CR2032	10 mA	MH12568
Renata	CR2032	25 mA	MH14002
Matsushita (Panasonic)	CR2032	5 mA	MH12210
Toshiba	CR2032	10 mA	MH12828
Varta	CR2032	5 mA	MH13654
Sony	CR2032	10 mA	MH12566
Sanyo	CR2032	10 mA	MH12383
Mitsubishi	CR2032	10 mA	MH15370
KTS (VIC-DAWN)	CR2032	10 mA	MH20550
FDK Energy	CR2032	10 mA	MH13421
Newsun	CR2032	10 mA	MH25881
FDK Energy	CR2450	5 mA	MH13421
Hitachi Maxell	CR2450	15 mA	MH12568

*) max. abnormal charging current

Protective devices

PTC (Polyswitch)

Vendor	Vendor reference	Volts	Rated (I_{hold} / I_{Trip})	UL File No.
Raychem	miniSMDC050	24	0.5A / 1.0A	E74889
Raychem	miniSMDC075	13.2	0.75A / 1.5A	E74889
Raychem	miniSMDC110	8	1.1A / 2.2A	E74889
Raychem	miniSMDC110/16	16	1.1A / 2.2A	E74889
Raychem	miniSMDC150	6 / 12	2.0A / 4.0A	E74889
Raychem	miniSMDC200	8	2.0A / 4.0A	E74889
Raychem	SMD125	15	1.25A / 2.5A	E74889
Raychem	microSMD075	6	0.75A / 1.5A	E74889
Raychem	microSMD150	6	1.5A / 3.0A	E74889
Bourns	MF-USMF150(-2)	6	1.5A / 3.0A	E174545
Bourns	MF-MSMD150-2	15	1.5A / 3.0A	E174545
Bourns	MF-MSMF200(-2)	8	2.0A / 4.0A	E174545
Bourns	MF-NSMF075	6	0.75A / 1.5A	E174545
Littelfuse	1812L150PR	6	1.5A / 3.0A	E183209
Polytronics	SMD1206P150TS	6	1.5A / 3.0A	E201431
Tyco (Raychem)	nanoSMDC075F	6	0.75A / 1.5A	E74889

Integrated Circuits

Vendor	Vendor reference	Volts	Rated	UL File No.
Raychem	RYC8220-4M	-0.5-6.0	0.5A	E211484
Raychem	RYC8220-2M	-0.5-6.0	0.5A	E211484
National Semiconductor	LM3526M-L	-0.5-6.0	0.5A	E205202
Texas Instruments	TPS2042	2.7-5.5	0.5A	E169910
Maxim	MAX1558H	2.7-5.5	1.2A	E211395

Output of accessible connectors

TABLE: Overload of operator accessible connectors

Connector	Pin #	open circuit voltage (V)	max. available Current (mA)	Test Time (h)	Comments
USB rear 1-4	1	4.9	3500	-	protected with PTC
	2, 3, 4	0	-	-	-
USB front 1-2	1	4.9	3800	-	protected with PTC
	2, 3, 4	0	-	-	-
LAN 1	1-8	0	-	-	-
VGA	1-8, 10-15	0	-	-	-
	9	4.9	1300	-	protected with PTC
Serial	1-9	0	-	-	-
Mouse	1, 2, 3, 5, 6	0	-	-	-
	4	5	1200	-	protected with PTC
Keyboard	1, 2, 3, 5, 6	0	-	-	-
	4	5	1200	-	protected with PTC
Audio Line in	-	0	-	-	-
Audio Line out	-	0	-	-	-

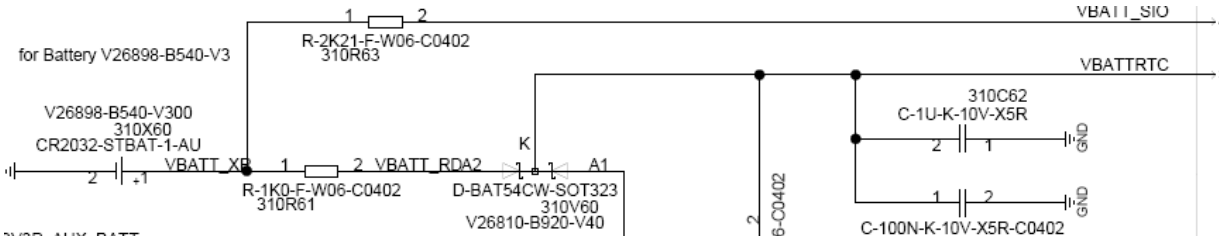
supplementary information:

The test procedure is in accordance with UL-requirements (Application Guideline 5.3.6).

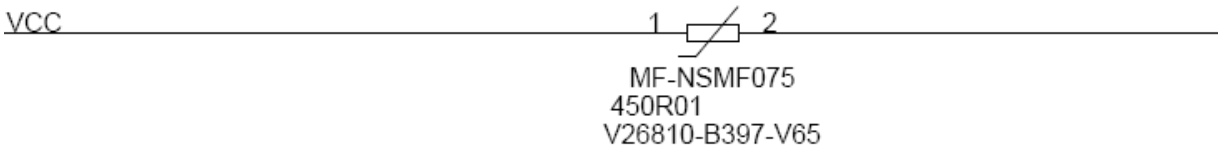
Only pins with an open circuit voltage greater than 1V were tested.

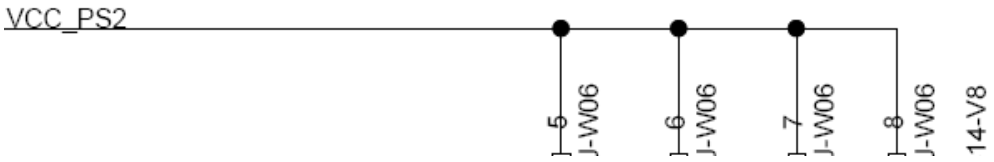
Schematics

Lithium battery protection

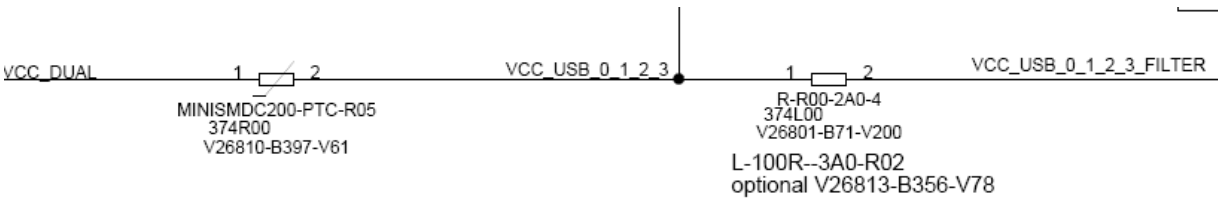


PTC for PS2 Mouse, Keyboard and VGA

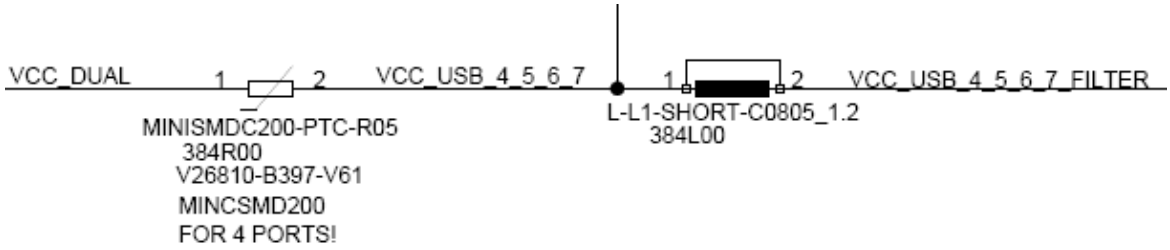




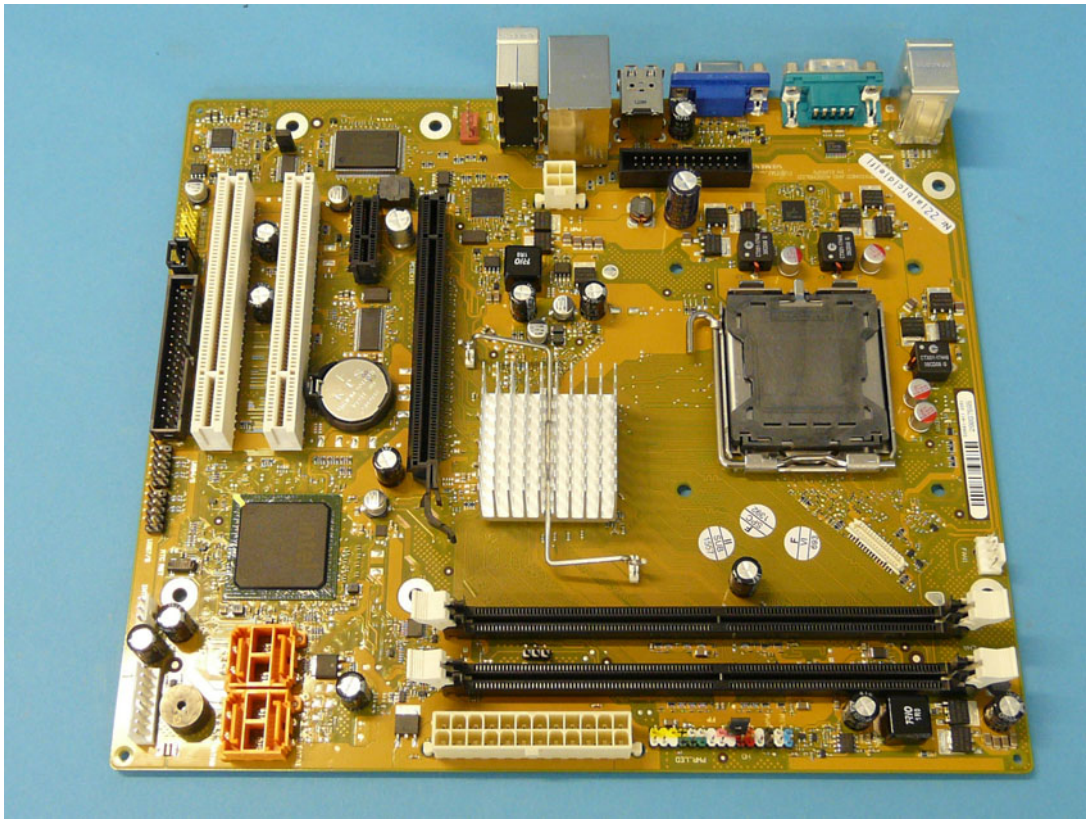
PTC for USB Port 0, 1, 2, 3

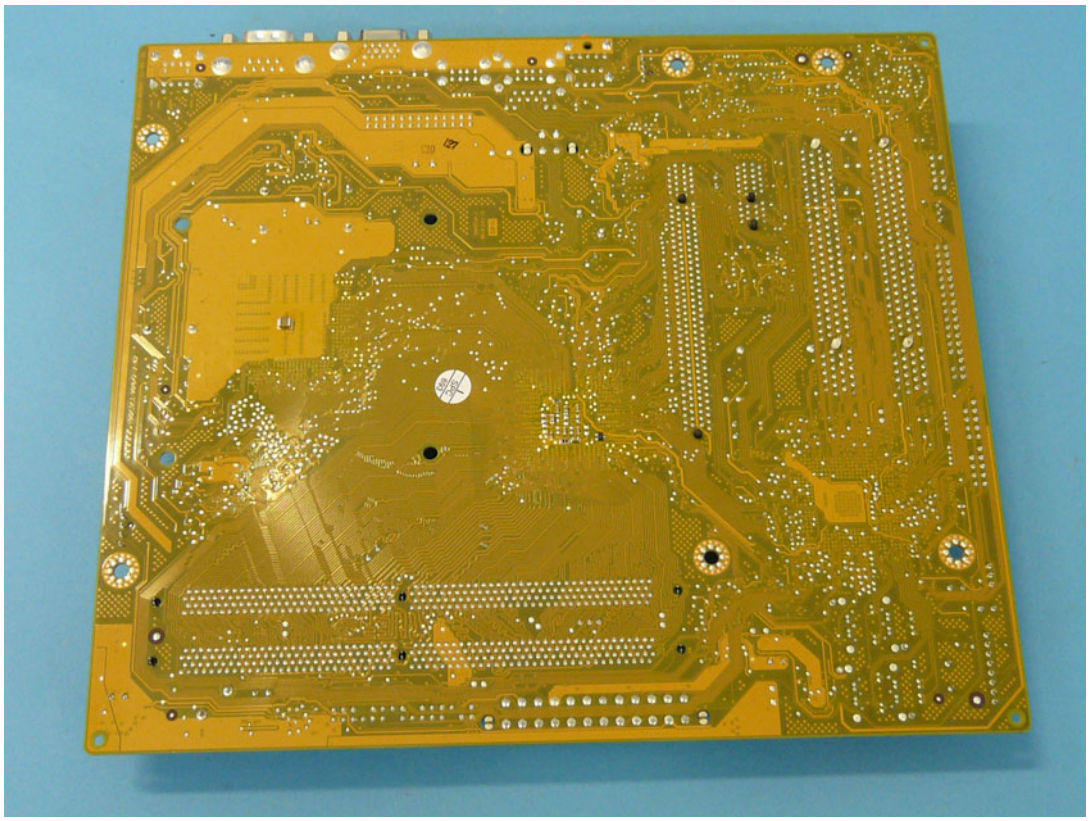


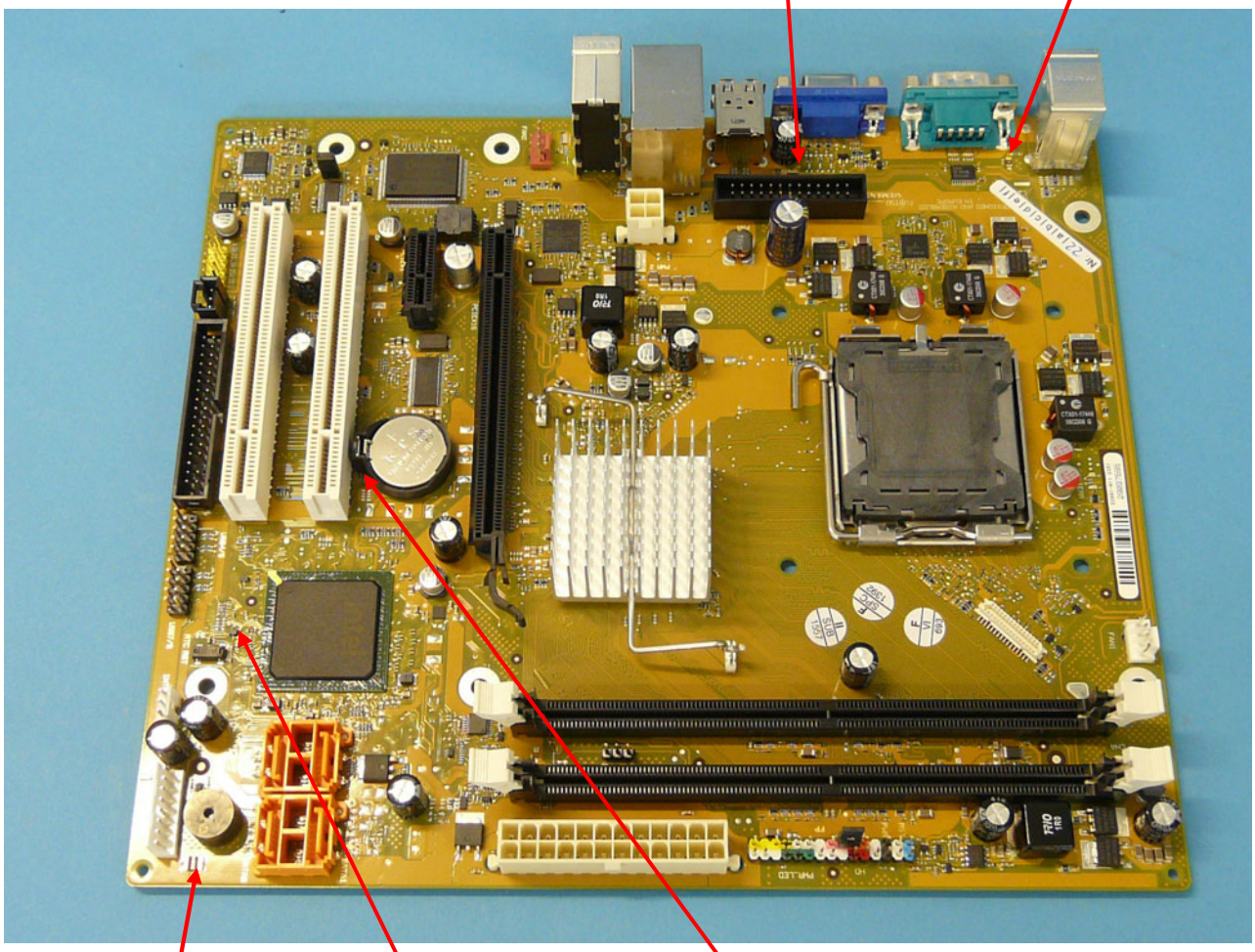
PTC for USB Port 4, 5, 6, 7



Pictures






USB 0, 1, 2, 3
PTC, 374R00
VGA, PS2
PTC, 450R01
USB 4, 5, 6, 7
PTC, 384R00
Battery protection
Diode 310V60
Battery protection
Resistor 310R61