

Model Name: QXW00/10

PCB NO: LS-790EP

BOM P/N: 435NVQ31L01 SMART CARD/B

435NVQ31L02 EXPRESS CARD/B

SUB PCB

Part Number	Description
DA60000PS10	PCB OM3 LS-790EP REV1 SMART EXP CARD/B

Compal Confidential

Schematic Document

2012 / 02 / 17

Rev:1.0(A00)

SM@ : SMART CARD Component

EXP@ : EXPRESS CARD Component

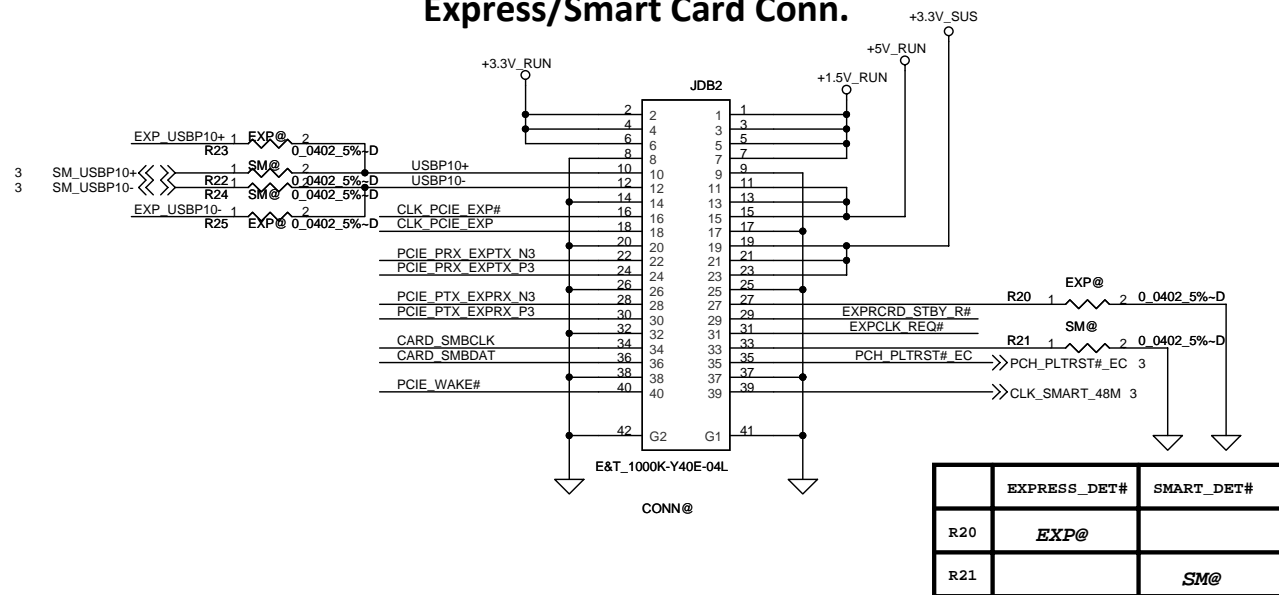
DELL CONFIDENTIAL/PROPRIETARY

THIS SHEET OF ENGINEERING DRAWING IS THE PROPRIETARY PROPERTY OF COMPAL ELECTRONICS, INC. AND CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. THIS SHEET MAY NOT BE TRANSFERRED FROM THE CUSTODY OF THE COMPETENT DIVISION, OR R&D DEPARTMENT EXCEPT AS AUTHORIZED BY COMPAL ELECTRONICS, INC. NEITHER THIS SHEET NOR THE INFORMATION IT CONTAINS MAY BE USED BY OR DISCLOSED TO ANY THIRD PARTY WITHOUT PRIOR WRITTEN CONSENT OF COMPAL ELECTRONICS, INC.

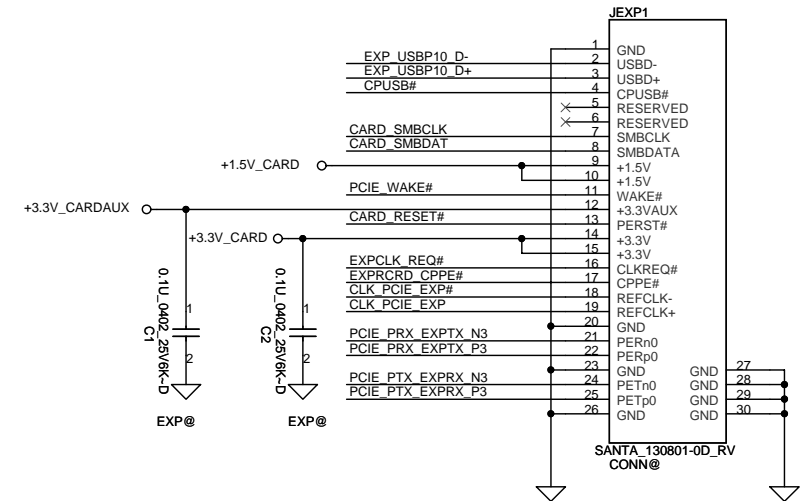


Compal Electronics, Inc.			
Title			
SCHEMATIC SMALL/B S790E			
Size	Document Number	Rev	
	405NVQ	B	
Date	Tuesday, April 03, 2012	Sheet	1 of 4

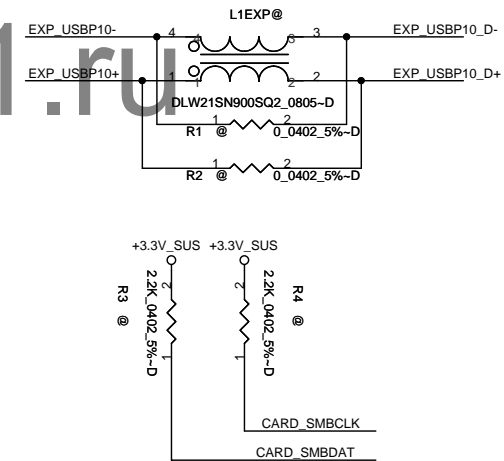
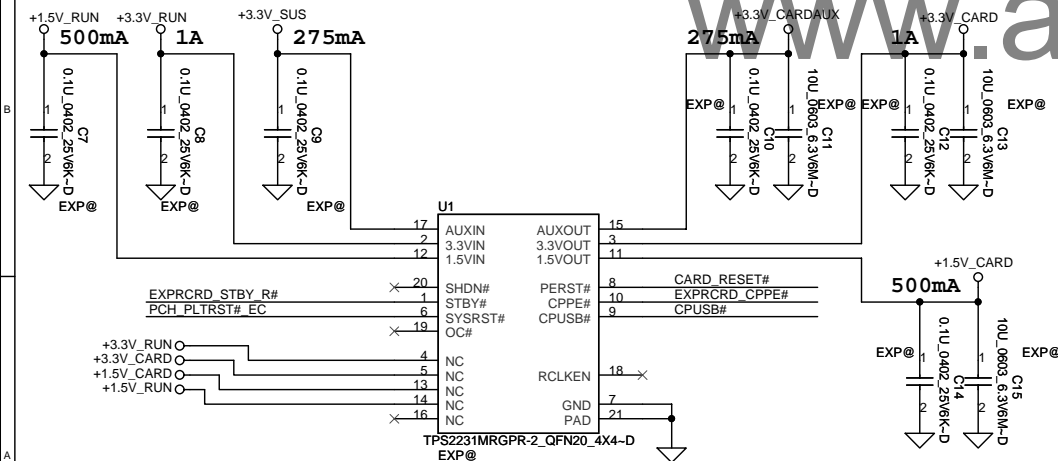
Express/Smart Card Conn.



Express Card



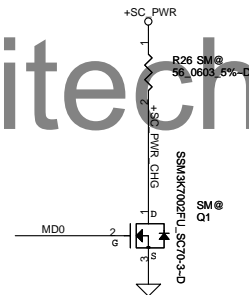
Express Card PWR S/W



THIS SHEET OF ENGINEERING DRAWING IS THE PROPRIETARY PROPERTY OF COMPAL ELECTRONICS, INC. AND CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. THIS SHEET MAY NOT BE TRANSFERRED FROM THE CUSTODY OF THE COMPETENT DIVISION OF R&D DEPARTMENT EXCEPT AS AUTHORIZED BY COMPAL ELECTRONICS, INC. NEITHER THIS SHEET NOR THE INFORMATION IT CONTAINS MAY BE USED BY OR DISCLOSED TO ANY THIRD PARTY WITHOUT PRIOR WRITTEN CONSENT OF COMPAL ELECTRONICS, INC.

Compal Electronics, Inc.		
SCHEMATIC SMALL/B S790E		
Size	Document Number	Rev B
405NVQ		
Date:	Tuesday, April 03, 2012	Sheet 2 of 4

www.aitech1.ru



③ FD1 ③ FD2 ③ FD3 ③ FD4


FIDUCIAL FIDUCIAL FIDUCIAL FIDUCIAL

THIS SHEET OF ENGINEERING DRAWING IS THE PROPRIETARY PROPERTY OF COMPAL ELECTRONICS, INC. AND CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. THIS SHEET MAY NOT BE TRANSFERRED FROM THE CUSTODY OF THE COMPETENT DIVISION OF R&D DEPARTMENT EXCEPT AS AUTHORIZED BY COMPAL ELECTRONICS, INC. NEITHER THIS SHEET NOR THE INFORMATION IT CONTAINS MAY BE USED BY OR DISCLOSED TO ANY THIRD PARTY WITHOUT PRIOR WRITTEN CONSENT OF COMPAL ELECTRONICS, INC.

Version Change List (P. I. R. List)

Item	Page#	Title	Date	Request Owner	Issue Description	Solution Description	Rev.
1	2	CONN	2011/09/10	EE	Change location JEXP1=>JDB2, JP1=>JEXP1.		X01
2	2	NET	2011/09/13	EE	Del un-used NET EXPRESS_DET# & SMART_DET#		X01
3	2	EXP	2011/09/14	EE	De-pop EXP SMB R3, R4 pull-up RES.		X01
4	2	CONN	2011/12/05	ME	Change JEXP1 footprint for ME request		X02
5	3	Discharge	2011/12/07	EE	Reserve +SC_PWR discharge circuit.		X02
6	3	+5V_RUN	2011/12/08	EE	add R27 & Reserve C28 for +5V_RUN		X02
7	3	SC	2011/12/08	EE	Change SCCD+ / SCCD- disconnect with JSC1 JSC1.3 connect to GND		X02
8	3	SC	2012/01/18	EE	Change Q1 pin2 from SmartCard_DET# to MD0		X02
9	3	SC	2012/01/19	EE	Change R26 from 39 ohm to 56 ohm		X02
10	3	SC	2012/01/19	EE	Q1, R26 change from de-pop to pop		X02
11	1	VER	2012/02/17	EE	Change Schematic from 0.3 (X02) to 1.0 (A00) for A-ver		A00

THIS SHEET OF ENGINEERING DRAWING IS THE PROPRIETARY PROPERTY OF COMPAL ELECTRONICS, INC. AND CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. THIS SHEET MAY NOT BE TRANSFERRED FROM THE CUSTODY OF THE COMPETENT DIVISION OF R&D DEPARTMENT EXCEPT AS AUTHORIZED BY COMPAL ELECTRONICS, INC. NEITHER THIS SHEET NOR THE INFORMATION IT CONTAINS MAY BE USED BY OR DISCLOSED TO ANY THIRD PARTY WITHOUT PRIOR WRITTEN CONSENT OF COMPAL ELECTRONICS, INC.

			Compal Electronics, Inc.		
Title SCHEMATIC SMALL/B S790E					
Size	Document Number 405NVQ				Rev B
Date:	Tuesday, April 03, 2012		Sheet	4	of 4