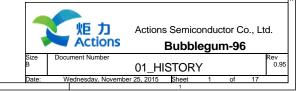
Project Name : Bubblegum96_S900

Table of Contents:

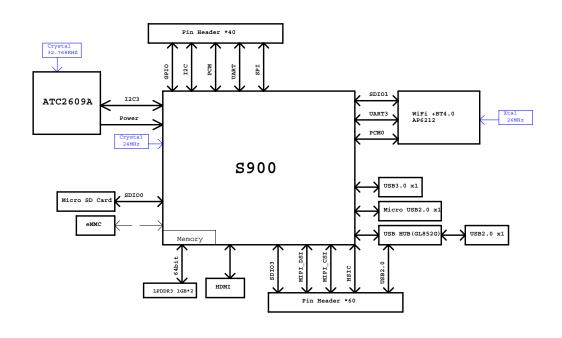
01 HISTORY 02 BLOCK DIAGRAM 03 Power Tree 04 PWR IN OUT 05 PMU ATM2609 06 LPDDR3 32BIT 00 07 LPDDR3 32BIT 01 08 USB 09 HDMI 10 EMMC 11 MIPI CSI 12 USB2 to HUB (GL852G) 13 TF CARD & Interface 14 WIFI Module 15 ADC.KEY 16 MIPI DSI&EDP 17 Expansion Connector

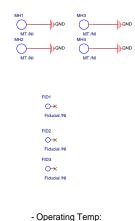
Revision History:

Rev.	Description	Editor	Date
0.9	Initial		2015.04.17
1.0	UPDATE		2015.11.06



Bubblegum-96 Block_Diagram





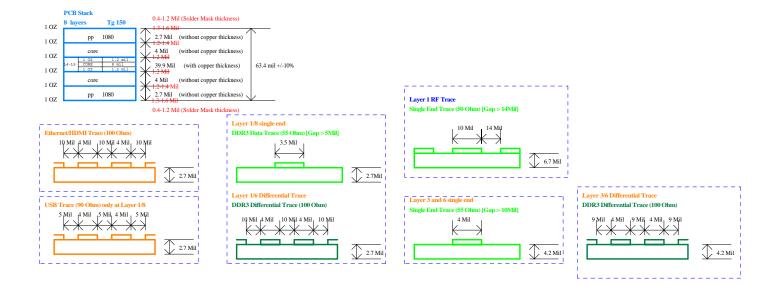
- Storage Temp: - Dimension: 90mmx60 mm - Thickness: 8L/1.6mm

> 炬力 Actions

Actions Semiconductor Co., Ltd.

Bubblegum-96

O2.BLOCK_DIAGRAM



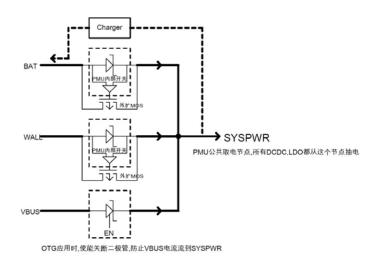
ATC2609 Application frame

1. PMU(ATC2609) Power on Status

V:Power ON O:Power ON form SW Control X:Power OFF

		Assignment	Imax@Vout	Default Power State @Diff SYS Mode			
pc-pc 類				S1:Working Mode	S2:Standby Mode	S3:Sleep Mode	S4:DeepSleep Mode
	DC-DC0	VDD_CORE	2000mA@0.9V	0	0	X	Х
	DC-DC1	CPU_VDD	3000mA@0.9V	0	0	X	Х
	DC-DC2	LP_VDDQ_1V2	2000mA@1.2V	0	0	Х	X
	DC-DC3	VCC3V1	1200mA@3.1V	0	0	X	Х
	DC-DC4		2000mA@0.9V	0	0	Х	X
LDO類	LDO0	SD_VCC	500mA@3.1V	0	0	X	Х
	LD01	WiFi_3V3	500mA@3.3V	0	0	Х	Х
	LDO2	AVCC3V1	500mA@3.1V	V		X	Х
	LDO4	AVCC1V8#	2000mA@1.8V	0	0	Х	X
	LDO6	AVDD1V0	2000mA@1.0V	0	0	Х	Х
	LD07	VCC1V8_IO	200mA@1.2/1.5/1.8V	0	0	Х	X
	LDO8	TPVCC3V1	2000mA@3.1V	0	0	X	X

3. PMU(ATC2609) APDS frame



2. PMU(ATC2609) Power On Sequence

