## RONETIX

## SCHEMATICS: SAMA5D3x-CM

SHEET#	SHEET NAME
1	MAIN
2	SODIM200
3	POWER SUPPLY
4	CPU-POWER SUPPLY
5	DDR2 INTERFACE
6	FI: NAND/NOR/SERIAL/I2C/1-WIRE
7	ETHERNET
8	USB/JTAG/LEDS
9	BUS INTERFACE

DATE:	DESCRIPTION	REVISION	STATUS
15.03.2012	SAMA5D3x-CM v2.0	2.0	OPEN
20.09.2012	SAMA5D3x-CM v2.0	2.0	CLOSE

## Changes Rev2.0

- 1. SoDIMM200 change: \* PB13 pin 144 with 0R DNP
- \* PB12 pin 146 with 0R populated
- 2. VDD\_CORE from 1.20V to 1.25V
- 3. US1 From TPS71712DCKR to BU12TD3WG-TR and attribute DNP
- 4. Replaced Q2 with U15 SC189ASKTRT 1V0
- 5. Q1 from BSS138W(SOT323) to BSS138(SOT23)
- 6. C74 from 47uF Tant to 22uF 0805
- Added C128 22uF 0805
- C78 from 47uF Tant to 22uF 0805
- Added C129 22uF 0805
- C81 from 47uF Tant to 22uF 0805
- Added C130 22uF 0805 C75 - from 47uF Tant to 22uF 0805
- Added C131 22uF 0805
- C80 from 47uF Tant to 22uF 0805
- Added C132 22uF 0805
- C92 from 10u Tant to 10u 0805
- 7. R4 Changed attribute Note from DNP to "empty"
- 8. Y1 changed to CM200C-32.768KDZF-UT
- 9. U6 changed to EN29GL128H-70BAIP
- 10. U8 changed to HY27UF082G2B-TPCB

$O^{Z6}$	Drill	No	plated	0.85mm
~ Z7	Drill	Nο	plated	0.85mm

- O Z11 Passer 0.7 mm
- OZ5 Drill No plated 1.65mm
- O Z12 Passer 0.7 mm
  O Z13 Passer 0.7 mm O Z14 Passer 0.7 mm
- OZ8 Drill No plated 1.65mm
  OZ9 Drill No plated 1.65mm
  OZ10 Drill No plated 1.65mm
- OZ1 Drill No plated 1.8 mm Z2 Drill No plated 1.8 mm
- O Z3 Drill No plated 3.2 mm O Z4 Drill No plated 3.2 mm

Note: To each Signal Reference have one or more digits.

These are the numbers of sheets to which is connected this signal.

PROJE	CT TITL	E SAMA5D	3x-CM					
SHEET TITLE MAIN						RONETIX		
FILE	ILE SAMA5D3x-CM v2.0f.scm			SHEET NO 1 OF 9				
SIZE	REV	DATE	DESCRIPTION FILE		DROWN			development tool
A4		4.12.2012			ISSUED			www.ronetix.at















