U10
AT91RM9200
C16 12pF
C17 12pF
X1 16MHz
C18 27pF
X2 32767
C19 27pF
C20 5600pF
C21 680pF
C22 470pF
C23 4700pF
R20 1K27
R21 1K96
C24–C29 0.1
R22–R24 10
C30–C42 0.1
C43 10uF
C44–C48 0.1
C49–C61 0.01
C62–C66 0.01
DataFlash
MC_MISO
MC_MOSI
MC_SCK
MC_CS0
MC_CS1
J2
Boot mode select
R5 10K
DTXD
DRXD
Connectors
Ethernet
RS232/USB
VT2 BC858
R16 10K
R79 10K
LD4
R17 330
R26 68
RR1–RR5 68
R18 22
R19 22
RR6–RR9 68
SDRAM
R25 68
R27 1K
R28 1K
MCU_RESET
RS232/USB
Connectors
RR10–RR13 22
R44 68
Title Rainbow v1 rev1s
Size A3
Name MCU
Rev 1.1s/0.2
Date Thu Feb 15, 2007
Drawn by
Filename rainbow11s.sch
Sheet 2 of 8