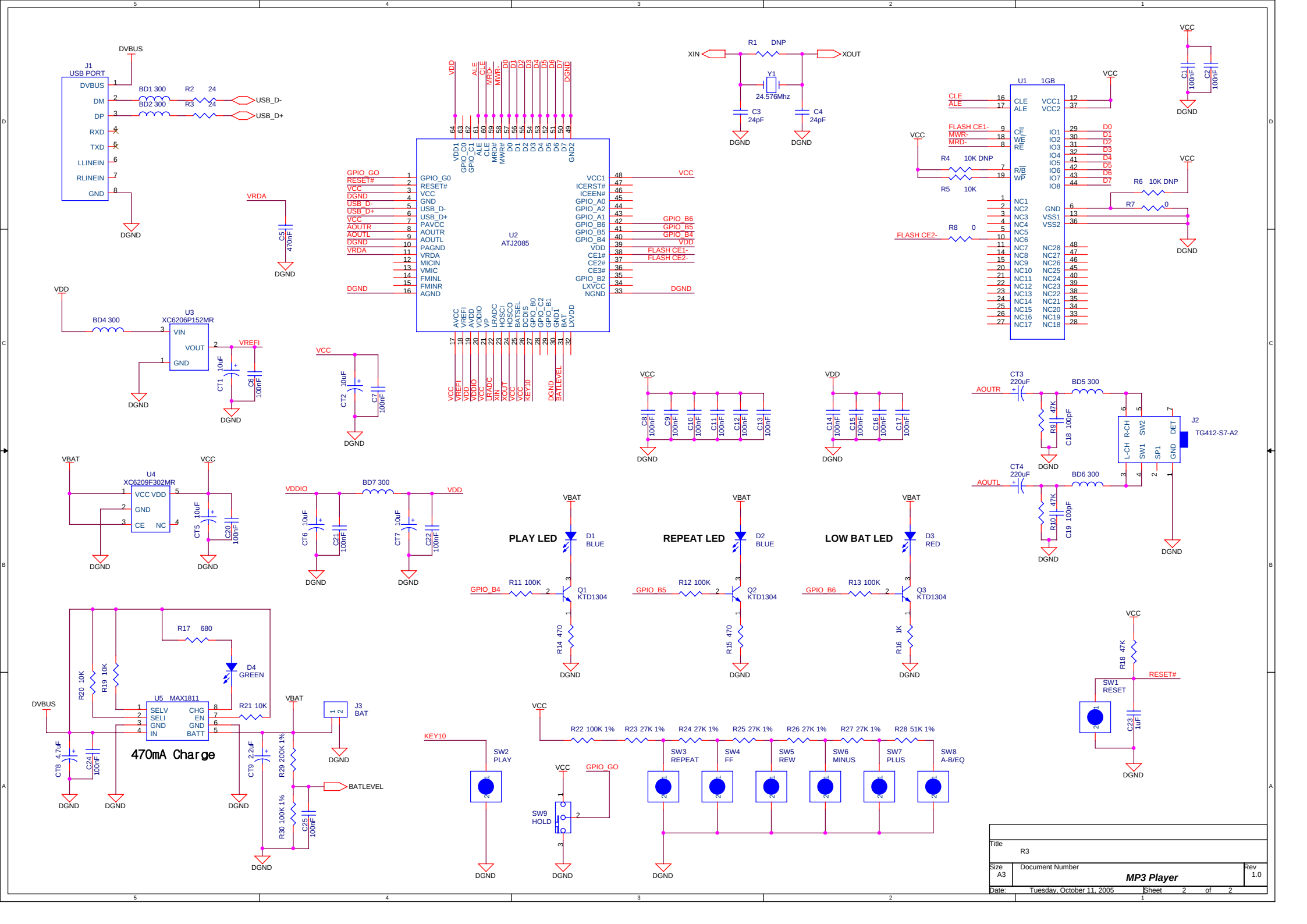
J1
USB PORT
DVBUS
DM
DP
RXD
TXD
LLINEIN
RLINEIN
GND
BD1 300
BD2 300
R2 24
R3 24
USB_D-
USB_D+
DGND
VRDA
C5 470nF
U2
ATJ2085
GPIO_G0
RESET#
VCC
DGND
USB_D-
USB_D+
PAVCC
AOUTR
AOUTL
PAGND
VRDA
MICIN
VMIC
FMINL
FMINR
AGND
VCC1
ICERST#
ICEEN#
GPIO_A0
GPIO_A2
GPIO_A1
GPIO_B6
GPIO_B5
GPIO_B4
VDD
CE1#
CE2#
CE3#
GPIO_B2
LXVCC
NGND
GPIO_B6
GPIO_B5
GPIO_B4
FLASH CE1-
FLASH CE2-
U3
XC6206P152MR
VIN
VOUT
BD4 300
VREFI
CT1 10uF
C6 100nF
CT2 10uF
C7 100nF
U4
XC6209F302MR
VCC VDD
CE NC
VBAT
CT5 10uF
C20 100nF
VDDIO
BD7 300
CT6 10uF
C21 100nF
CT7 10uF
C22 100nF
R1 DNP
XIN
XOUT
Y1
24.576Mhz
C3 24pF
C4 24pF
U1 1GB
CLE
ALE
FLASH CE1-
MWR-
MRD-
CE
WE
RE
R/B
WP
R4 10K DNP
R5 10K
FLASH CE2-
R8 0
IO1
IO2
IO3
IO4
IO5
IO6
IO7
IO8
VCC1
VCC2
GND
VSS1
VSS2
R6 10K DNP
R7 0
C1 100nF
C2 100nF
C8 100nF
C9 100nF
C10 100nF
C11 100nF
C12 100nF
C13 100nF
C14 100nF
C15 100nF
C16 100nF
C17 100nF
CT3 220uF
CT4 220uF
AOUTR
AOUTL
BD5 300
BD6 300
R9 47K
R10 47K
C18 100pF
C19 100pF
J2
TG412-S7-A2
R-CH
L-CH
SW2
SW1
SP1
DET
GND
PLAY LED
D1 BLUE
REPEAT LED
D2 BLUE
LOW BAT LED
D3 RED
GPIO_B4
GPIO_B5
GPIO_B6
R11 100K
R12 100K
R13 100K
Q1 KTD1304
Q2 KTD1304
Q3 KTD1304
R14 470
R15 470
R16 1K
R17 680
D4 GREEN
R18 47K
RESET#
SW1 RESET
C23 1uF
U5 MAX1811
SELV
SELI
GND
IN
CHG
EN
GND
BATT
R20 10K
R19 10K
R21 10K
470mA Charge
CT8 4.7uF
C24 100nF
CT9 2.2uF
R29 200K 1%
R30 100K 1%
C25 100nF
J3 BAT
BATLEVEL
KEY10
SW2 PLAY
R22 100K 1%
R23 27K 1%
R24 27K 1%
R25 27K 1%
R26 27K 1%
R27 27K 1%
R28 51K 1%
SW3 REPEAT
SW4 FF
SW5 REW
SW6 MINUS
SW7 PLUS
SW8 A-B/EQ
SW9 HOLD
GPIO_GO
Title
R3
Size A3
Document Number
MP3 Player
Rev 1.0
Date: Tuesday, October 11, 2005
Sheet 2 of 2