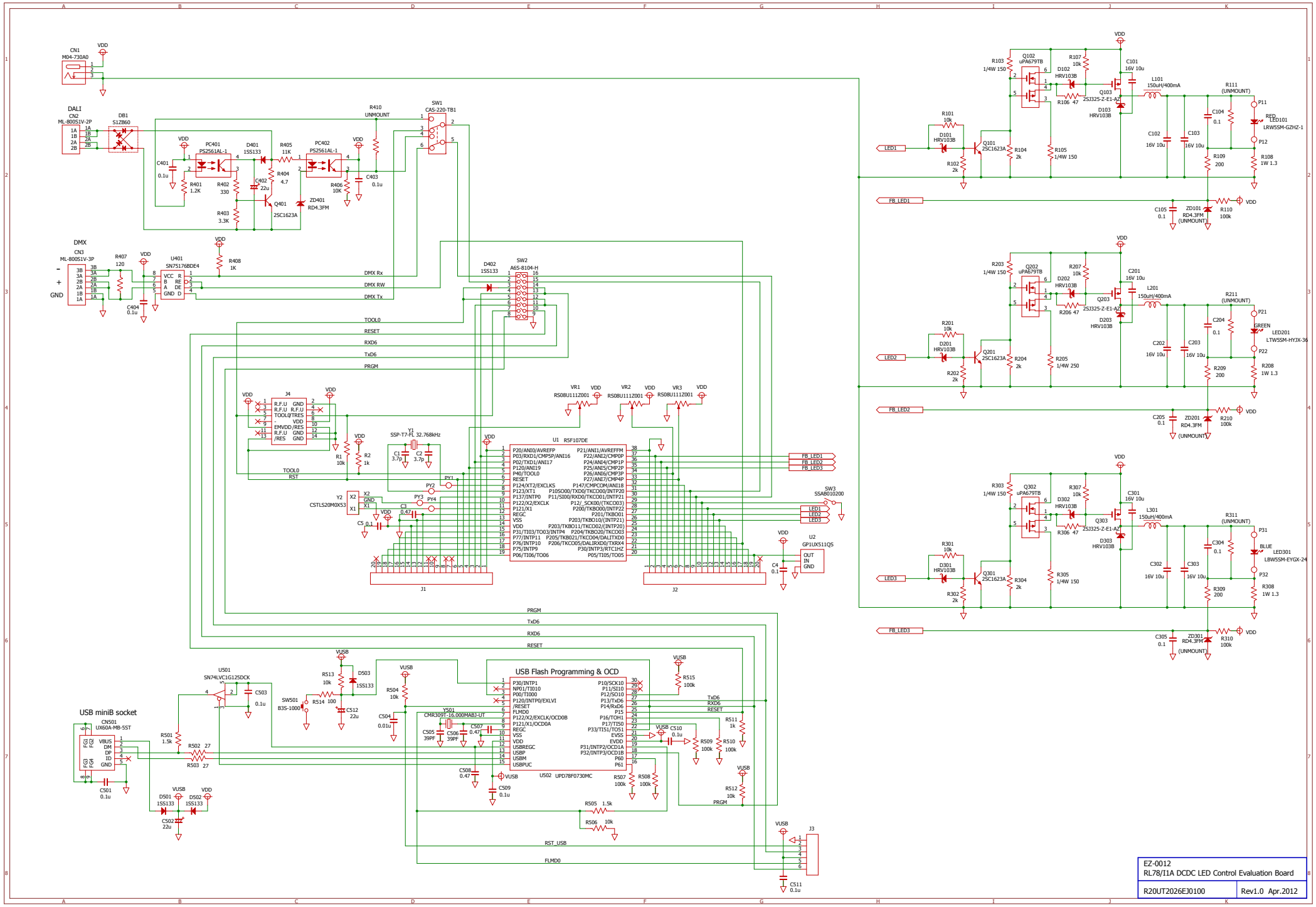
CN1
M04-730A0
DALI
CN2
ML-800S1V-2P
DB1
S12B60
PC401
PS2561AL-1
PC402
PS2561AL-1
D401
1SS133
R405
11K
R410
UNMOUNT
SW1
CAS-220-TB1
C401
0.1u
R401
1.2K
R402
330
R403
3.3K
C402
22u
R404
4.7
Q401
2SC1623A
ZD401
RD4.3FM
R406
10K
C403
0.1u
DMX
CN3
ML-800S1V-3P
R407
120
C404
0.1u
U401
SN75176BDE4
R408
1K
DMX Rx
DMX RW
DMX Tx
D402
1SS133
SW2
A6S-8104-H
TOOL0
RESET
RXD6
TxD6
PRGM
J4
R.F.U GND
R.F.U R.F.U
TOOL0/TRES
VDD
EMVDD/RES
R.F.U GND
/RES GND
R1
10k
R2
1k
TOOL0
RST
Y1
SSP-T7-FL 32.768kHz
C1
3.7p
C2
3.7p
Y2
CSTLS20M0X53
C3
0.47
C5
0.1
VR1
RS08U1112Z001
VR2
RS08U1112Z001
VR3
RS08U1112Z001
U1 R5F107DE
P20/ANI0/AVREFP
P03/RXD1/CMP5P/ANI16
P02/TXD1/ANI17
P120/ANI19
P40/TOOL0
RESET
P124/XT2/EXCLKS
P123/XT1
P137/INTP0
P122/X2/EXCLK
P121/X1
REGC
VSS
VDD
P31/TI03/TO03/INTP4
P77/INTP11
P76/INTP10
P75/INTP9
P06/TI06/TOO6
P21/ANI1/AVREFPM
P22/ANI2/CMP0P
P24/ANI4/CMP1P
P25/ANI5/CMP2P
P26/ANI6/CMP3P
P27/ANI7/CMP4P
P147/CMPCOM/ANI18
P10/SCK00/TXD0/TKCO00/INTP20
P11/SI00/RXD0/TKCO01/INTP21
P12/_SCK00/(TKCO03)
P200/TKB000/INTP22
P201/TKB001
P203/TKB010/(INTP21)
P203/TKB011/TKCO02/(INTP20)
P204/TKB020/TKCO03
P205/TKB021/TKCO04/DALITXD0
P206/TKCO05/DALIRXD0/TXRX4
P30/INTP3/RTCLIHZ
P05/TI05/TOO5
J1
J2
FB_LED1
FB_LED2
FB_LED3
SW3
SSAB010200
LED1
LED2
LED3
U2
GP1UX511QS
OUT
IN
GND
C4
0.1
PRGM
TxD6
RXD6
RESET
U501
SN74LVC1G125DCK
C503
0.1u
R513
10k
D503
1SS133
SW501
B3S-1000
R514
100
C512
22u
R504
10k
C504
0.01u
USB Flash Programming & OCD
P30/INTP1
NP01/TI010
P00/TI000
P120/INTP0/EXLVI
/RESET
FLMD0
P122/X2/EXCLK/OCD0B
P121/X1/OCD0A
REGC
VSS
VDD
USBREGC
USBP
USBM
USBPUC
P10/SCK10
P11/SI10
P12/SO10
P13/TxD6
P14/RxD6
P15
P16/TOH1
P17/TI50
P33/TI51/TO51
EVSS
EVDD
P31/INTP2/OCD1A
P32/INTP3/OCD1B
P60
P61
YS01
CMR309T-16.000MABJ-UT
C505
39PF
C506
39PF
C507
0.47
C508
0.47
C509
0.1u
U502 UPD78F0730MC
R515
100k
C510
0.1u
R509
100k
R510
100k
R511
1k
R507
100k
R508
100k
R512
10k
R505 1.5k
R506 10k
RST_USB
FLMD0
J3
C511
0.1u
USB miniB socket
CN501
UX60A-MB-5ST
VBUS
DM
DP
ID
GND
FG1
FG2
FG3
FG4
R501
1.5k
R502 27
R503 27
C501
0.1u
D501
1SS133
D502
1SS133
C502
22u
R101
10k
D101
HRV103B
R102
2k
Q101
2SC1623A
R104
2k
R103
1/4W 150
Q102
uPA679TB
D102
HRV103B
R106 47
R107
10k
Q103
2SJ325-Z-E1-AZ
D103
HRV103B
R105
1/4W 150
C101
16V 10u
L101
150uH/400mA
C102
16V 10u
C103
16V 10u
R111
(UNMOUNT)
C104
0.1
P11
RED
LED101
LRW5SM-GZHZ-1
P12
R109
200
R108
1W 1.3
C105
0.1
ZD101
RD4.3FM
(UNMOUNT)
R110
100k
R201
10k
D201
HRV103B
R202
2k
Q201
2SC1623A
R204
2k
R203
1/4W 150
Q202
uPA679TB
D202
HRV103B
R206 47
R207
10k
Q203
2SJ325-Z-E1-AZ
D203
HRV103B
R205
1/4W 250
C201
16V 10u
L201
150uH/400mA
C202
16V 10u
C203
16V 10u
R211
(UNMOUNT)
C204
0.1
P21
GREEN
LED201
LTW5SM-HYJX-36
P22
R209
200
R208
1W 1.3
C205
0.1
ZD201
RD4.3FM
(UNMOUNT)
R210
100k
R301
10k
D301
HRV103B
R302
2k
Q301
2SC1623A
R304
2k
R303
1/4W 150
Q302
uPA679TB
D302
HRV103B
R306 47
R307
10k
Q303
2SJ325-Z-E1-AZ
D303
HRV103B
R305
1/4W 150
C301
16V 10u
L301
150uH/400mA
C302
16V 10u
C303
16V 10u
R311
(UNMOUNT)
C304
0.1
P31
BLUE
LED301
LBW5SM-EYGX-24
P32
R309
200
R308
1W 1.3
C305
0.1
ZD301
RD4.3FM
(UNMOUNT)
R310
100k
EZ-0012
RL78/I1A DCDC LED Control Evaluation Board
R20UT2026EJ0100
Rev1.0 Apr.2012