J1
UAP-SSS10*1-0
HVCC
D-
D+
GND
SGND
SGND
DM
DP
SGND
SGND
HVCC5V
L1
2.2UH/2520
AGND

XTAL2
XTAL1
R1
1M
Y1
12MHz
C1
20p
C2
20p
AGND
AGND

AVCC33
DVCC33
BC3
0.1U
DGND
DVCC25
DVCC25
BC4
2.2U
DGND
AGND
BC10
0.1U
DGND
DGND

U1
48-TSOP1-1220F
DVCC33
BC1
0.1U
FARDY
DVCC33
R3
470
C3
100p
DGND
NFCE0
FCLE
FALE
NFAWE
NFARD
CE
CLE
ALE
WE
RE
R/B
NC
NC
NC
NC
FAD0
FAD1
FAD2
FAD3
FAD4
FAD5
FAD6
FAD7
NFWP
I/O0
I/O1
I/O2
I/O3
I/O4
I/O5
I/O6
I/O7
WP
NC
VCC
VCCQ
NC
VSS
VSS
DGND

L2
1UH/0603
SGND
AGND

AVCC33
BC11
0.1U
BC12
0.1U
AGND
DP
DM
RREF
GNDAP
VCC33APB_DRV
XTAL2
XTAL1
GNDKB
VCCKB
GNDA
VCCHA
VCCK
U3
48LD_LQFP
GNDIB
RPU
DMRS
DPRS
VCC31B
GNGDAP
VCCA
IOP0
IOP1
IOP2
IOP3
IOP4
IOP5
RPU
DMRS
DPRS
IOP1_LED
nFCE0
nFCE1
VCCK
nFCE2
nFCE3
DIS_IMP
nRESET
nFWP
nFARDY
nFARD
nFAWE
FCLE
FAALE
FAD0
FAD1
nIROMCS
FAD2
FAD3
FAD4
VCC31
FAD5
FAD6
FAD7
FCLE
FALE
FAD0
FAD1
FAD2
FAD3
FAD4
FAD5
FAD6
FAD7
AGND
DVCC33
BC8
0.1U
DGND

AVCC33
R5
RPU
1.5K-1%

R6
DP
DPRS
39-1%
R7
DM
DMRS
39-1%
R8
RREF
12.1K-1%
AGND

DVCC33
R9
100K
BC13
1U
DVCC25
BC9
0.1U
U7
VOUT
VSS
VIN
XC61A
DGND
DGND
NFCE0
NFCE1
NFCE2
NFCE3
NFWP
FARDY
NFARD
NFAWE
DGND

J3
JP10
FAD0
FAD1
FAD2
FAD3
FAD4
FAD5
FAD6
FAD7
NFWP
DGND

J4
JP10
FCLE
FALE
NFAWE
NFARD
FARDY
NFCE0
NFCE1
NFCE2
NFCE3
DVCC33

DVCC33
D1
0603
R10
165
IOP1_LED

U6
VSS
VOUT
VIN
XC62FP(SOT-23)
DGND
DVCC33
BC7
2.2U
DGND
HVCC5V

DVCC33
AVCC33
L3
1UH/0603
C4
2.2U
CB1
0.1U
L4
1UH/0603
DGND
AGND

Title		
Size A2	Number	Rev
Date	Drawn by	
Filename	Sheet of	