

# Cyclone III v2.4

56

MICRONIC 2102

3

LTC

1.2V VCCINT

SYNC

U1  
EP3C25-F256

D1  
LT1129 3.3

D3  
LT1963AEQ

SMA5

J1

R1 1R0

SMAI2

SMA

J1

R11 1R0

C81 100u/6.3V

C82 100n

C83 100n

J2

R2 1R0

C25 10u

C26 10u

C27 100n

C28 100n

C29 100n

C30 10u

C31 10u

J2

R2 1R0

C26 10u

C27 100n

C28 100n

C29 100n

C30 10u

C31 10u

SMAI1

SMA

OSC1  
16MHZ

SC8002CE

C2 1u

BAR43C  
VD1

C79 10u

EPCS16S18  
U4

C13 100n

C14 1u

VD2  
BAR43C

LED1  
LED

V20  
XC2

D2  
LT1963-2.5

LVS1

LVS2

LVS3

LVS4

C67 100u/6.3V

R24 100R

R28 100R

R29 100R

R34 100R

R35 100R

L1 2.2uH

L2 2.2uH

R30 0R0

R31 0R0

R26 1M

C64 100n

C65 100n

C66 100n

C32 10u

TC1187VCT713

R25 0R0

R27 0R0

L1 2.2uH

L2 2.2uH

R30 0R0

R31 0R0

R26 1M

C64 100n

C65 100n

C66 100n

C32 10u

TC1187VCT713

R25 0R0

R27 0R0

5V

35

2.5V

5V