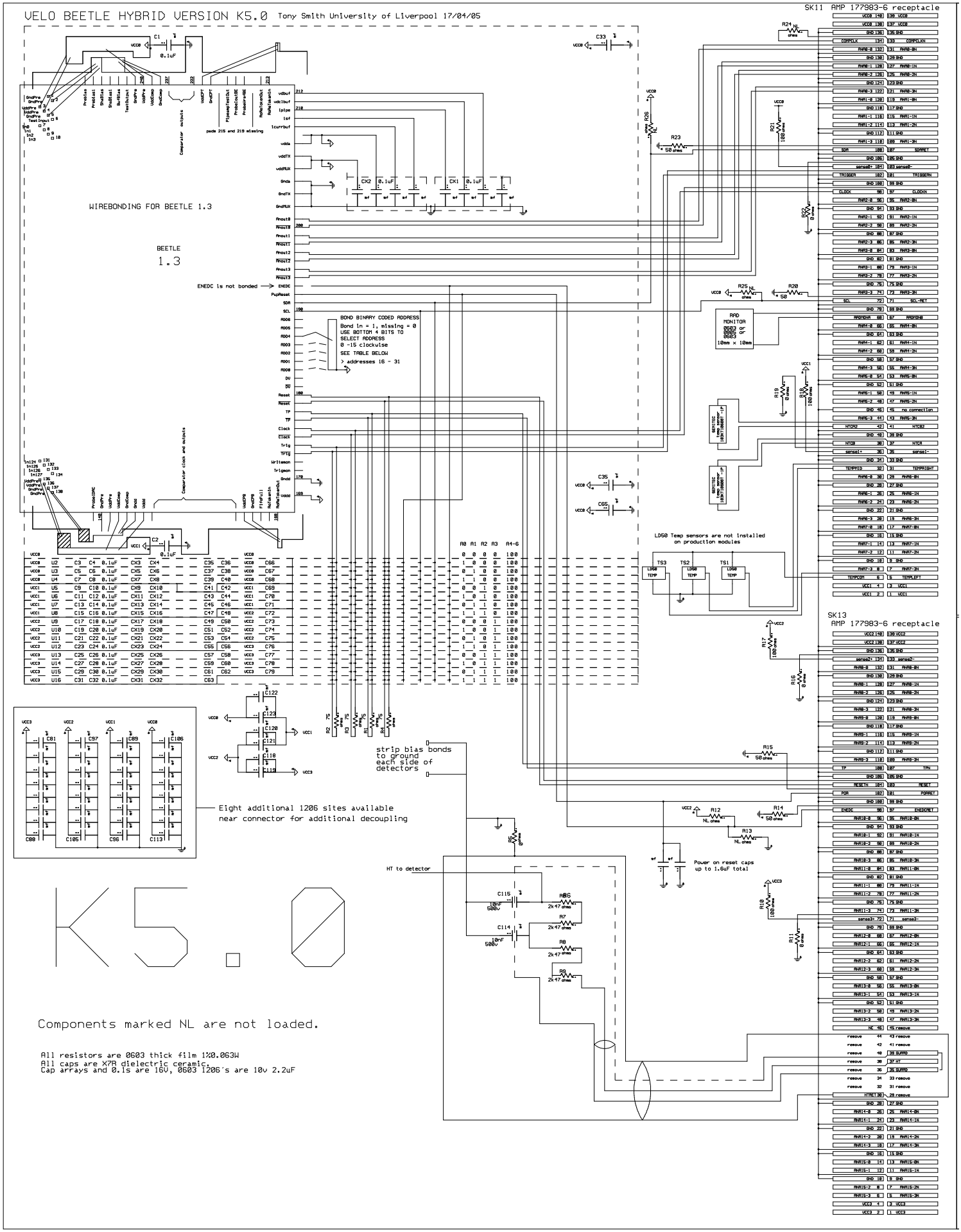
VELO BEETLE HYBRID VERSION K5.0 Tony Smith University of Liverpool 17/04/05
SK11 AMP 177983-6 receptacle
WIREBONDING FOR BEETLE 1.3
BEETLE
1.3
ENEDC is not bonded
BOND BINARY CODED ADDRESS
Bond In = 1, missing = 0
USE BOTTOM 4 BITS TO
SELECT ADDRESS
0 -15 clockwise
SEE TABLE BELOW
> addresses 16 - 31
RAD MONITOR
0603 or
0805 or
1206
10mm x 10mm
LD50 Temp sensors are not installed
on production modules
SK13
AMP 177983-6 receptacle
strip bias bonds
to ground
each side of
detectors
Eight additional 1206 sites available
near connector for additional decoupling
Power on reset caps
up to 1.6uF total
HT to detector
K5.0
Components marked NL are not loaded.
All resistors are 0603 thick film 1%0.063W
All caps are X7R dielectric ceramic.
Cap arrays and 0.1s are 16V, 0603 1206's are 10v 2.2uF