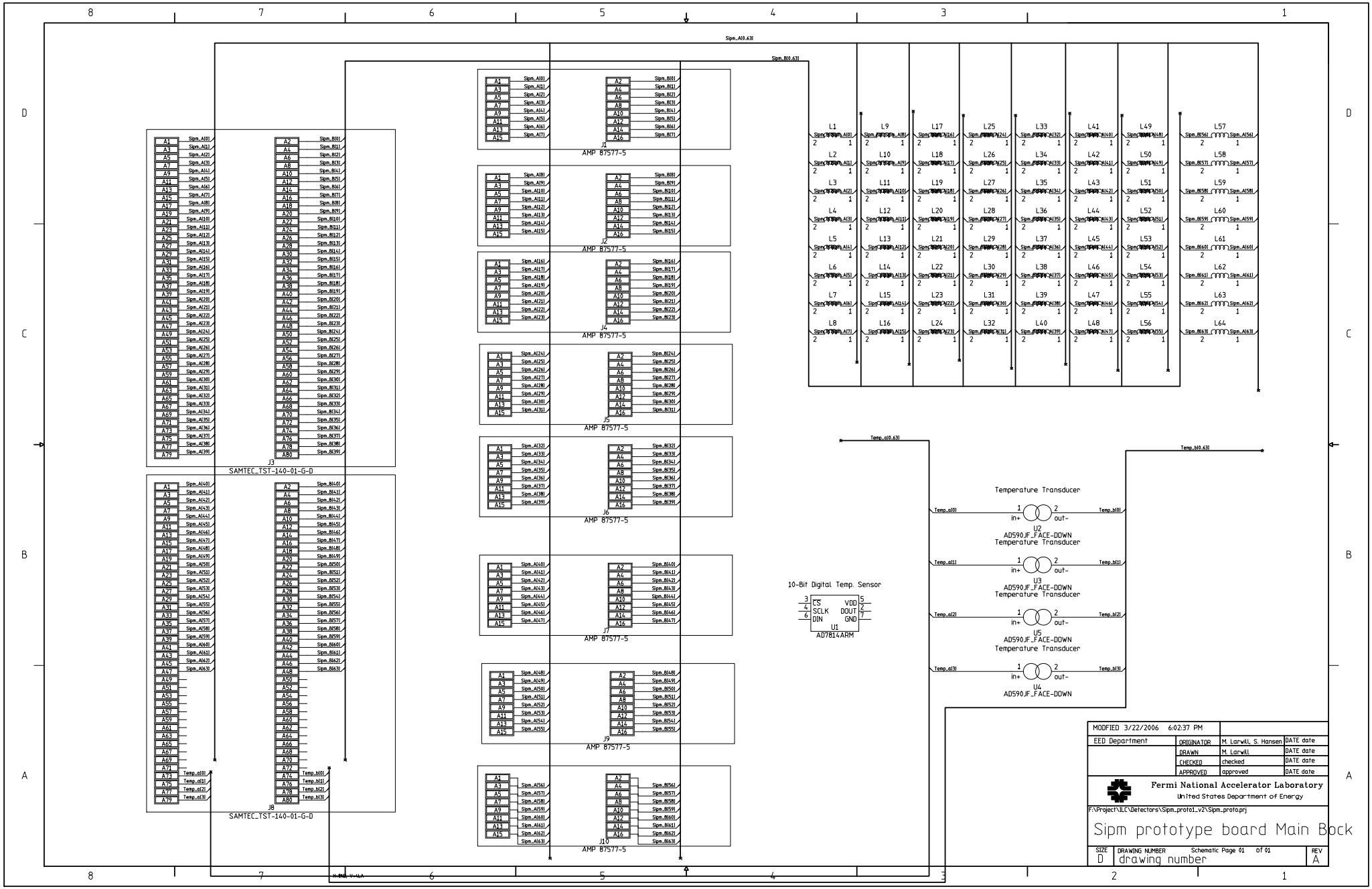
Sipm_A[0..63]
Sipm_B[0..63]
J3
SAMTEC_TST-140-01-G-D
J8
SAMTEC_TST-140-01-G-D
J1
J2
J4
J5
J6
J7
J9
J10
AMP 87577-5
L1 L2 L3 L4 L5 L6 L7 L8
L9 L10 L11 L12 L13 L14 L15 L16
L17 L18 L19 L20 L21 L22 L23 L24
L25 L26 L27 L28 L29 L30 L31 L32
L33 L34 L35 L36 L37 L38 L39 L40
L41 L42 L43 L44 L45 L46 L47 L48
L49 L50 L51 L52 L53 L54 L55 L56
L57 L58 L59 L60 L61 L62 L63 L64
Temp_a[0..63]
Temp_b[0..63]
10-Bit Digital Temp. Sensor
CS
SCLK
DIN
VDD
DOUT
GND
U1
AD7814ARM
Temperature Transducer
in+
out-
U2
AD590JF_FACE-DOWN
Temperature Transducer
U3
AD590JF_FACE-DOWN
Temperature Transducer
U5
AD590JF_FACE-DOWN
Temperature Transducer
U4
AD590JF_FACE-DOWN
MODIFIED 3/22/2006 6:02:37 PM
EED Department
ORIGINATOR M. Larwill, S. Hansen DATE date
DRAWN M. Larwill DATE date
CHECKED checked DATE date
APPROVED approved DATE date
Fermi National Accelerator Laboratory
United States Department of Energy
F:\Project\ILC\Detectors\Sipm_proto1_v2\Sipm_proto.prj
Sipm prototype board Main Bock
SIZE D
DRAWING NUMBER drawing number
Schematic Page 01 of 01
REV A