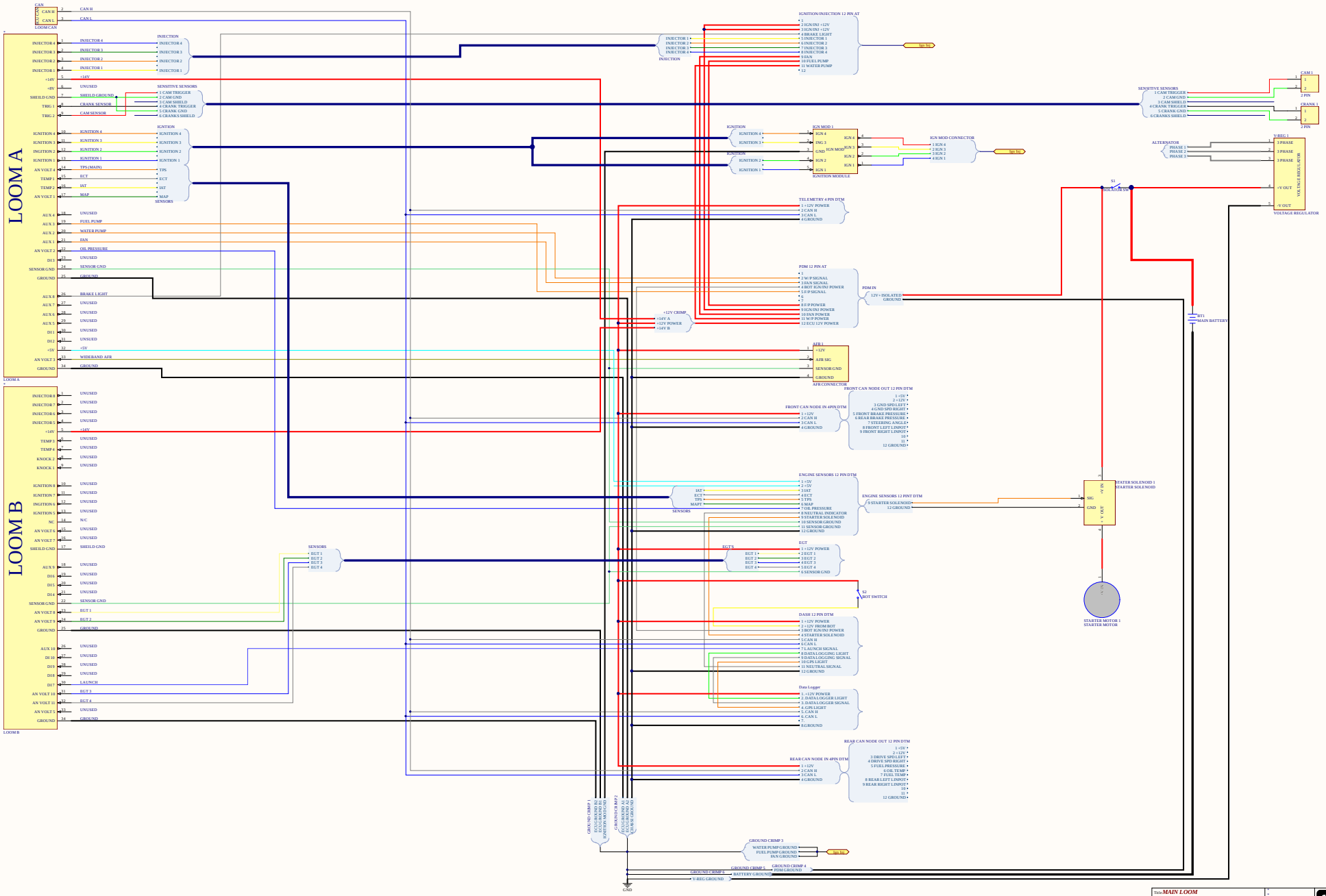
LOOM A
LOOM B
CAN
CAN H
CAN L
LOOM CAN
INJECTOR 4
INJECTOR 3
INJECTOR 2
INJECTOR 1
+14V
+8V
SHIELD GND
TRIG 1
TRIG 2
IGNITION 4
IGNITION 3
INGITION 2
IGNITION 1
AN VOLT 4
TEMP 1
TEMP 2
AN VOLT 5
AUX 4
AUX 3
AUX 2
AUX 1
AN VOLT 2
DI 3
SENSOR GND
GROUND
AUX 8
AUX 7
AUX 6
AUX 5
DI 1
DI 2
+5V
AN VOLT 3
GROUND
INJECTOR 8
INJECTOR 7
INJECTOR 6
INJECTOR 5
+14V
TEMP 8
TEMP 9
KNOCK 2
KNOCK 1
IGNITION 8
IGNITION 7
INGITION 6
IGNITION 5
NC
AN VOLT 6
AN VOLT 7
SHIELD GND
AUX 9
DI 8
DI 9
DI 4
SENSOR GND
AN VOLT 8
AN VOLT 9
GROUND
AUX 10
DI 10
DI 5
DI 6
DI 7
AN VOLT 10
AN VOLT 11
AN VOLT 5
GROUND
CAN H
CAN L
INJECTOR 4
INJECTOR 3
INJECTOR 2
INJECTOR 1
+14V
UNUSED
SHIELD GROUND
CRANK SENSOR
CAM SENSOR
IGNITION 4
IGNITION 3
IGNITION 2
IGNITION 1
TPS (MAIN)
ECT
IAT
MAP
UNUSED
FUEL PUMP
WATER PUMP
FAN
OIL PRESSURE
UNUSED
SENSOR GND
GROUND
BRAKE LIGHT
UNUSED
UNUSED
UNUSED
UNUSED
UNSUED
+5V
WIDEBAND AFR
GROUND
UNUSED
UNUSED
UNUSED
UNUSED
+14V
UNUSED
UNUSED
UNUSED
UNUSED
UNUSED
UNUSED
UNUSED
UNUSED
N/C
UNUSED
UNUSED
SHIELD GND
UNUSED
UNUSED
UNUSED
UNUSED
SENSOR GND
EGT 1
EGT 2
GROUND
UNUSED
UNUSED
UNUSED
UNUSED
LAUNCH
EGT 3
EGT 4
UNUSED
GROUND
INJECTION
INJECTOR 4
INJECTOR 3
INJECTOR 2
INJECTOR 1
SENSITIVE SENSORS
1 CAM TRIGGER
2 CAM GND
3 CAM SHIELD
4 CRANK TRIGGER
5 CRANK GND
6 CRANKS SHIELD
IGNITION
IGNITION 4
IGNITION 3
IGNITION 2
IGNTION 1
TPS
ECT
IAT
MAP
SENSORS
SENSORS
EGT 1
EGT 2
EGT 3
EGT 4
IGNITION/INJECTION 12 PIN AT
1
2 IGN INJ +12V
3 IGN INJ +12V
4 BRAKE LIGHT
5 INJECTOR 1
6 INJECTOR 2
7 INJECTOR 3
8 INJECTOR 4
9 FAN
10 FUEL PUMP
11 WATER PUMP
12
Ign Inj
INJECTOR 1
INJECTOR 2
INJECTOR 3
INJECTOR 4
INJECTION
IGNITION
IGNITION 4
IGNITION 3
IGNITION
IGNITION 2
IGNITION 1
IGN MOD 1
IGN 4
ING 3
GND
IGN 2
IGN 1
IGN 4
IGN 3
IGN 2
IGN 1
IGN MOD
IGNITION MODULE
IGN MOD CONNECTOR
1 IGN 4
2 IGN 3
3 IGN 2
4 IGN 1
Ign Inj
TELEMETRY 4 PIN DTM
1 - 12V POWER
2 CAN H
3 CAN L
4 GROUND
PDM 12 PIN AT
1
2 W/ P SIGNAL
3 FAN SIGNAL
4 ROT IGN/INJ POWER
5 F/ P SIGNAL
6
7
8 F/ P POWER
9 IGN/INJ POWER
10 FAN POWER
11 W/P POWER
12 ECU 12V POWER
PDM IN
12V + ISOLATED
GROUND
+12V CRIMP
+14V A
+12V POWER
+14V B
AFR 1
+ 12V
AFR SIG
SENSOR GND
GROUND
AFR CONNECTOR
FRONT CAN NODE IN 4PIN DTM
1 - 12V
2 CAN H
3 CAN L
4 GROUND
FRONT CAN NODE OUT 12 PIN DTM
1 +5V
2 +12V
3 GND SPD LEFT
4 GND SPD RIGHT
5 FRONT BRAKE PRESSURE
6 REAR BRAKE PRESSURE
7 STEERING ANGLE
8 FRONT LEFT LINPOT
9 FRONT RIGHT LINPOT
10
11
12 GROUND
ENGINE SENSORS 12 PIN DTM
1 - 5V
2 - 5V
3 IAT
4 ECT
5 TPS
6 MAP
7 OIL PRESSURE
8 NEUTRAL INDICATOR
9 STARTER SOLENOID
10 SENSOR GROUND
11 SENSOR GROUND
12 GROUND
ENGINE SENSORS 12 PINT DTM
9 STARTER SOLENOID
12 GROUND
EGT
1 - 12V POWER
2 EGT 1
3 EGT 2
4 EGT 3
5 EGT 4
6 SENSOR GND
EGT'S
EGT 1
EGT 2
EGT 3
EGT 4
S2
ROT SWITCH
DASH 12 PIN DTM
1 - +12V POWER
2 - 12V FROM ROT
3 ROT IGN/INJ POWER
4 STARTER SOLENOID
5 CAN H
6 CAN L
7 L.AUNCH SIGNAL
8 DATA LOGGING LIGHT
9 DATA LOGGER SIGNAL
10 GPS LIGHT
11 NEUTRAL SIGNAL
12 GROUND
Data Logger
1. +12V POWER
2. DATA LOGGER LIGHT
3. DATA LOGGER SIGNAL
4. GPS LIGHT
5. CAN H
6. CAN L
7.
8.GROUND
REAR CAN NODE IN 4PIN DTM
1 - +12V
2 CAN H
3 CAN L
4 GROUND
REAR CAN NODE OUT 12 PIN DTM
1 +5V
2 +12V
3 DRIVE SPD LEFT
4 DRIVE SPD RIGHT
5 FUEL PRESSURE
6 OIL TEMP
7 FUEL TEMP
8 REAR LEFT LINPOT
9 REAR RIGHT LINPOT
10
11
12 GROUND
GROUND CRIMP 1
ECU GROUND B2
ECU GROUND
IGNITION MODULE
GROUND CRIMP 2
ECU GROUND A2
ECU GROUND
B1 B6 GROUND
GND
GROUND CRIMP 3
WATER PUMP GROUND
FUEL PUMP GROUND
FAN GROUND
Ign Inj
GROUND CRIMP 4
PDM GROUND
GROUND CRIMP 4
V-REG GROUND
GROUND CRIMP 5
BATTERY GROUND
CAM 1
1
2
2 PIN
CRANK 1
1
2
2 PIN
SENSITIVE SENSORS
1 CAM TRIGGER
2 CAM GND
3 CAM SHIELD
4 CRANK TRIGGER
5 CRANK GND
6 CRANKS SHIELD
ALTERNATOR
PHASE 1
PHASE 2
PHASE 3
V-REG 1
3 PHASE
3 PHASE
3 PHASE
+V OUT
-V OUT
VOLTAGE REGULATOR
S1
MAIN SWITCH
BT1
MAIN BATTERY
+V IN
SIG
GND
+V OUT
STARTER SOLENOID 1
STARTER SOLENOID
STARTER MOTOR 1
STARTER MOTOR
Title MAIN LOOM
Size A1
Number*
Revision2
Date 12/03/2017
Time 2:29:59 PM
Sheet of 5
File D:\Users\Timothy\Documents\CMT-2017-2017 Loom Build\2017 Loom Rev 2\Main Loom Schematic.SchDoc
Altium