POWER SUPPLY

VIN1
GND2
VOUT 3

LM2940CS
U2

1uF 50V X7R 1812
C9
DGND

+12P
DGND
DGND

330 OHM 5% 1210
R4
BLACK
TP1

GREEN 1206
LED1
DGND

RED
TP2
BLACK
TP8
DGND

POWER
BANANA1
GROUND
BANANA2
GROUND
BANANA3
GROUND
BANANA4
GROUND
BANANA5
GROUND

TVS1
POLYSWITCH
PS1
DGND
DGND
+12V
3A TRIP TH

POWER JACK 1
J1
TIP (CENTER) POSITIVE
SLEEVE NEGATIVE

C8
DGND
+100uF 10V TANT D
C2
DGND
+100uF 10V TANT D
C87
DGND
+100uF 10V TANT D
C72
DGND
+100uF 10V TANT D
C76
DGND

FIDUCIAL
FD1
FIDUCIAL
FD2
FIDUCIAL
FD3
FIDUCIAL
FD4

CUI INC. PJ-102AH
24V DC AT 5A

PUT GROUNDS IN FOUR CORNERS SPACE GROUND AND +12V 0.75 INCH

MOUNT BANANA JACKS UP SIDE DOWN
ADD 6 RUBBER BUMPONS TO BOTTOM OF BOARD
SPACE GROUNDS 1/4 INCH
POD (Debug and Development Tool) CIRCUITRY #2

POD RS232 (DCE) PORT

LOOP BACK CONTROL

Title: POD CIRCUITY #2
File: POD SchDoc

Drawn By: Boyd Beckington
Revision: B
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Number: Sheet 7 of 8

FREESCALE SEMICONDUCTOR INC.
AUTOMOTIVE FIELD APPLICATION CENTER
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