

FROM SCH PAGE
BACKUP IRIDIUM DG14 POWER

IRID_ASHTECH_PWR_ENABLED

RAW BUS OR +24V
BACKUP BATTERY

J11



CGRID_100

TO MAGNETIC
REED SWITCH
NO MAGNET =
CKT ACTIVE

TO SONARDYNE
RELAY CONTACT

J8 PINS 1 AND 2
? ? ?
ON SCH PAGE
PENETRATIONS_I_O

FROM MSP430 SHEET
DIGITAL OUTPUT CH P3.1
PIN 12

DROP_WT_CMD

R11
1M

BUS_GND

R13
1M

BUS_GND

DW_PWR_ENABLED

DROP_WT_NOW

R10 15k

BUS_GND

R12 3.32k

U3

XN150100L

BUS_GND

LO=BURNING

13

4

16

2

D7

11

9

6

1

1

SPARE FUSE

F1

2ASB

BURN FUSE

F2

2ASB

BURN LED

R9

26.1k

DS2
SUPER_RED

E1

TO BURNWIRE
PENETRATIONS_I/O
SHEET

BURN_WIRE_PLUS

J7-1

BURN_WIRE_RTN

J7-2

SEAWATER_GND

E2

K2

V23105A5005A201
24V 150 mW COIL (19.2 - 56 VDC)
12.5 mA
DGK PB385-ND

Title		
AUV MBOARD, DROP WEIGHT		
Size B	Document Number 10020068	Rev A
Date:	Thursday, May 22, 2008	Sheet 3 of 11