IPP TRANSITION BOARD
CONTINUED SHEET 4

P2-A1 (P2-B1)				P2-A4 (P2-B4)	
ON-BOARD SCSI	SBSY/	D 2	> —	<	D 2
ON-BOARD SCSI	SACK/	D 3	> —	<	D 3
ON-BOARD SCSI	SMSG/	D 5	> —	<	D 5
ON-BOARD SCSI	SSEL/	D 6	> —	<	D 6
ON-BOARD SCSI	SCD/	D 7	> —	<	D 7
ON-BOARD SCSI	SIO/	D 9	> —	<	D 9
ON-BOARD SCSI	SB08/	D 20	> —	<	D 20
ON-BOARD SCSI	SB09/	D 21	> —	<	D 21
ON-BOARD SCSI	SB10/	D 22	> —	<	D 22
ON-BOARD SCSI	SB11/	D 23	> —	<	D 23
ON-BOARD SCSI	SB12/	D 24	> —	<	D 24
ON-BOARD SCSI	SB13/	D 25	> —	<	D 25
ON-BOARD SCSI	SB14/	D 26	> —	<	D 26
ON-BOARD SCSI	SB15/	D 27	> —	<	D 27
ON-BOARD SCSI	SB00/	Z 1	> —	<	Z 1
ON-BOARD SCSI	GND	Z 2	> — ▽1	▽1 <	Z 2
ON-BOARD SCSI	SB01/	Z 3	> —	<	Z 3
ON-BOARD SCSI	GND	Z 4	> — ▽1	▽1 <	Z 4
ON-BOARD SCSI	SB02/	Z 5	> —	<	Z 5
ON-BOARD SCSI	GND	Z 6	> — ▽1	▽1 <	Z 6
ON-BOARD SCSI	SB03/	Z 7	> —	<	Z 7
ON-BOARD SCSI	GND	Z 8	> — ▽1	▽1 <	Z 8
ON-BOARD SCSI	SB04/	Z 9	> —	<	Z 9
ON-BOARD SCSI	GND	Z 10	> — ▽1	▽1 <	Z 10
ON-BOARD SCSI	SB05/	Z 11	> —	<	Z 11
ON-BOARD SCSI	GND	Z 12	> — ▽1	▽1 <	Z 12
ON-BOARD SCSI	SB06/	Z 13	> —	<	Z 13
ON-BOARD SCSI	GND	Z 14	> — ▽1	▽1 <	Z 14
ON-BOARD SCSI	SB07/	Z 15	> —	<	Z 15
ON-BOARD SCSI	GND	Z 16	> — ▽1	▽1 <	Z 16
				NC <	Z 17
ON-BOARD SCSI	GND	Z 18	> — ▽1	▽1 <	Z 18
SERIAL PORT 2	CH2TXD	D 30	> —	<	D 30 PHYTEC RXD
SERIAL PORT 2	GND	D 31	> —	<	D 31 PHYTEC GND
SERIAL PORT 2	CH2RXD	Z 19	> —	<	Z 19 PHYTEC TXD

JAUML(JBUML)				
PMC CAN_H	20	> —	< A 2	PMC CAN_H
PMC CAN_L	21	> —	< C 2	PMC CAN_L
ENET_TXD+	13	> —	< Z 25	ENET_TXD+
ENET_TXD-	14	> —	< Z 27	ENET_TXD-
ENET_RXD+	15	> —	< Z 29	ENET_RXD+
ENET_RXD-	16	> —	< Z 31	ENET_RXD-
PHYTEC CAN_H	11	> —	< C 2	PHYTEC CAN_H
PHYTEC CAN_L	12	> —	< A 2	PHYTEC CAN_L
UML BIT 0	3	> —	< D 1	UML BIT 0
UML BIT 1	4	> —	< D 4	UML BOT 1
UML BIT 2	5	> —	< D 8	UML BIT 2
UML BIT 3	6	> —	< D 10	UML BIT 3
UML BOT 4	7	> —	< D 11	UML BIT 4
UML BIT 5	19	> —	< D 12	UML BIT 5
PHYTEC GND	22	> —	< D 13	PHYTEC GND
THERM 1	23	> —	< D 14	THERM 1
THERM 1 GND	24	> —	< D 15	THERM 1 GND
THERM 2	25	> —	< D 16	THERM 2
THERM 2 GND	26	> —	< D 17	THERM 2 GND
THERM 3	27	> —	< D 18	THERM 3
THERM 3 GND	28	> —	< D 19	THERM 3 GND
THERM 4	29	> —	< D 28	THERM 4
THERM 4 GND	30	> —	< D 29	THERM 4 GND

MATERIAL BLOCK

SYMBOL	MANUFACTURE TYPE	MIL-NO.
JAUML, JBUML	AMP 748482-5	
P2-A1, P2-A4 (P2-B1) (P2-B4)	AMP 216417-1	

CABLE TIES SHALL BE IN ACCORDANCE WITH NSTS 22648 FOR FLAMMABILITY AND OUTGASSING REQUIREMENTS.

MOUNTING CLAMPS SHALL BE PANDUIT NO.MBMS-S10-C,AL SHEET PER FED SPEC QQ-A-250/2,3003 H0144 OR FABRICATED TO AL SHEET PER FED SPEC QQ-A-250/11,6061 T6.

* COLORS AS REQUIRED.
** WIRE AWG INDICATED.

1. GROUND PLANE NO.1
2. GROUND PLANE NO.2
3. VME GND PLANE
4. AMP 787169-7 REQUIRES 749087-1 FEMALE SCREWLOCK

AUTHORIZED by CM when under FORMAL Configuration Control

CHG	ZONE	DESCRIPTION	APP/DATE

REVISIONS

PROJECT CIR

ANALEX

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES

National Aeronautics and Space Administration
John H. Glenn Research Center
Lewis Field
Cleveland, Ohio
CONTRACT NUMBER: NAS3-99155

TOLERENCE ON		APPROVALS			
		PROJECT LEAD	ANALEX/N.BOZZOLO		
.X	+/-	ELECTRICAL LEAD	ANALEX/S.LAWYER		
.XX	+/-	ELECTRICAL ENGINEER	ANALEX/M.GARRETT		
.XXX	+/-	CHECKER	X		
FRACTION	+/-	DESIGNER	ANALEX/A.JOHNSON		
ANGULAR	+/-	MAT'L PROC.	X		
SOFTWARE: AUTOCAD 2000		CONFIG. MGT	X		

FILE NAME: 67212EESB402-5.DWG

FDC FEDERAL DATA CORPORATION

DRAWING NAME
IPP TRANSITION BOARD
IPP INTERCONNECTION DRAWING

FLUIDS COMBUSTION FACILITY

SIZE	CAGE CODE	DRAWING NUMBER	REV.
E	X	67212EESB402	1

SCALE: NONE | RELEASE DATE 10/25/00 | SHEET 5 OF 5