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DATE: _____

1.0 APPLICABLE DOCUMENTS:

- MRP Bill of Material: DS2020LPPA300A, ...301A, ...340A, ...341A
- Assembly Drawing: 246B8203
- Elementary Diagram: 246B2399AA

2.0 EQUIPMENT: Ohmmeter

3.0 INSPECTION PROCEDURE - VERIFY THE FOLLOWING

3.1 1 CAT.# nameplate (#110)

- Stamp matches module part # per B.O.M.
- Mounted per asm. dwg.

3.2 1 WARNING nameplate (#112)

- Mounted per asm dwg.

3.3 1 Lexan cover (#111)

- Mounted per asm. dwg.

3.4 1 Ground terminal label

- Stamp matches "GROUND"
- Mounted per asm. dwg.

3.5 1 Circuit Board (#10)

- Stamp matches "DS200LPPAG1A" plus revision letters
- Revision disposition is USE for PL/ESA per Orange Book
- Mounted per asm. dwg.

3.6 3 Fuses (#7)

- Stamp shows 30A, 600V
- Mounted per asm. dwg.

3.7 300A: NO MOVs (#9)

301A: NO MOVs (#9)

340A: 4 MOVs (#9)

341A: 4 MOVs (#9)

- Stamp shows V511DA40
- Mounted per asm. dwg.

3.8 300A: NO Resistors

301A: 3 Resistors (#6)

340A: NO Resistors

341A: 3 Resistors (#6)

- Stamp shows 22K
- Mounted per asm. dwg.

3.9 300A: NO TB Jumpers

301A: 4 TB Jumpers (#105), 1-2, 3-4, 5-6, 7-8

340A: NO TB Jumpers

341A: 4 TB Jumpers (#105), 1-2, 3-4, 5-6, 7-8

3.10 300A: 8 Wires (#15)

FU1-2 to TB1-1

FU1-4 to TB1-3

FU1-6 to TB1-5

FU1-2 to LPPA-E1

FU1-4 to LPPA-E2

FU1-6 to LPPA-E3

(continued next sheet)

LPPA-E6 to TB1-8
LPPA-E7 to GND

300A: 8 Wires (#15)

FU1-2 to TB1-1
FU1-4 to TB1-3
FU1-6 to TB1-5
FU1-2 to LPPA-E1
FU1-4 to LPPA-E2
FU1-6 to LPPA-E3
LPPA-E6 to TB1-8
LPPA-E7 to GND

301A: 14 Wires (#15)

FU1-2 to TB1-1
FU1-4 to TB1-3
FU1-6 to TB1-5
FU1-2 to LPPA-E1
FU1-4 to LPPA-E2
FU1-6 to LPPA-E3
TB1-2 to R1-1
TB1-4 to R2-1
TB1-6 to R3-1
LPPA-E6 to TB1-8
LPPA-E7 to GND
R1-2 to R2-2
R2-2 to R3-2
R3-2 to TB1-7

340A: 15 Wires (#15)

FU1-2 to TB1-1
FU1-4 to TB1-3
FU1-6 to TB1-5
FU1-2 to LPPA-E1
FU1-4 to LPPA-E2
FU1-6 to LPPA-E3
FU1-2 to MOV1-1
FU1-4 TO MOV2-1
FU1-6 to MOV3-2
MOV1-2 to MOV2-2
MOV2-2 to MOV3-1
MOV3-1 to MOV4-1
MOV4-2 to GND
LPPA-E6 to TB1-8
LPPA-E7 to GND

341A: 21 Wires (#15)

FU1-2 to TB1-1
FU1-4 to TB1-3
FU1-6 to TB1-5
FU1-2 to LPPA-E1
FU1-4 to LPPA-E2
FU1-6 to LPPA-E3
FU1-2 to MOV1-1
FU1-4 TO MOV2-1
FU1-6 to MOV3-2
MOV1-2 to MOV2-2
MOV2-2 to MOV3-1
MOV3-1 to MOV4-1
MOV4-2 to GND

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TB1-2 to R1-1
TB1-4 to R2-1
TB1-6 to R3-1
LPPA-E6 to TB1-8
LPPA-E7 to GND
R1-2 to R2-2
R2-2 to R3-2
R3-2 to TB1-7

3.11 All fasteners & wire terminals are tight

4.0 ELECTRICAL TEST

Locate 4 Electrical Terminals per asm. dwg. for reference:

- FU1-1
- FU1-3
- FU1-5
- GND

4.1 Verify 3 Resistance measurements:

FU1-1 to GND, FU1-3 to GND, FU1-5 to GND

300A: OPEN CIRCUIT

301A: 21.1K to 23.5K Ohms

340A: OPEN CIRCUIT

341A: 21.1K to 23.5K Ohms

;
;
;
;No ground resistors or jumpers
;Ground res. + res. on circ. bd.
;No ground resistors or jumpers
;Ground res. + res. on circ. bd.
;

4.2 Apply IP-stamp to N.P. if all steps pass ;END OF TEST

REV	DATE	BY	DESCRIPTION OF REVISION
0	08/11/1994	A.D.McArthur	Issued
1	09/22/1994	A.D.McArthur	3.9 Corrected jumper inspection 3.10 Added wire tables
2	09/23/1994	A.D.McArthur	3.9 Corrected module number to 341A
3	11/20/1995	A.D.McArthur	3.4 Changed "GND" to "GROUND" 3.7 Changed MOV marking to "V511DA40"