

DATA ITEM DESCRIPTION			Form Approved OMB No 0704-0188	
1 TITLE  MICROCIRCUIT PRODUCT ASSURANCE PROGRAM PLAN		2 IDENTIFICATION NUMBER  DI-QCIC-80889		
3 DESCRIPTION/PURPOSE 3.1 The purpose of the Microcircuit Product Assurance Program Plan is to detail the design procedures, manufacturing processes, inspection, and testing methods for microcircuits. It will serve to demonstrate the manufacturer's understanding of a complete quality assurance program.				
4 APPROVAL DATE (YYMMDD)  890803	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)  G/Y253	6a DTIC APPLICABLE	6b GIDEP APPLICABLE	
7 APPLICATION/INTERRELATIONSHIP 7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.				
8 APPROVAL LIMITATION		9a. APPLICABLE FORMS	9b AMSC NUMBER  64799	
10 PREPARATION INSTRUCTIONS 10.1 <u>Reference documents</u> . The applicable documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract.  10.2 <u>General</u> . For additional guidance, refer to MIL-M-38510, Appendix A. The plan must include all proprietary information necessary for the completeness and support of this plan.  10.3 <u>Format</u> . The plan may be in the contractor's format.  10.4 <u>Content</u> . The plan shall contain the following:  <ul style="list-style-type: none"> <li>a. Functional block diagram</li> <li>b. Example of the manufacturing flowchart</li> <li>c. Proprietary document identification</li> <li>d. Examples of design, material, equipment, visual standard and process instructions</li> <li>e. Examples of records</li> <li>f. Examples of design, material, and process change control documents</li> <li>g. Examples of failure and defect analysis and feedback documents</li> <li>h. Examples of corrective action and evaluation documents</li> </ul> <p style="text-align: right;">(Continued on Page 2)</p>				
11. DISTRIBUTION STATEMENT  DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.				

DI-QCIC-80889

10. PREPARATION INSTRUCTIONS (continued)

- i. Contractor's internal instructions for internal visual inspection
- j. Examples of test travelers
- k. Examples of design and construction baseline
- l. Contractor's self audit