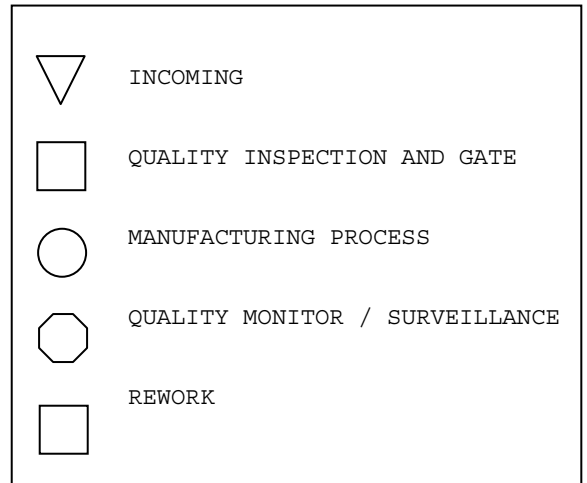


**TEST AND EOL FLOWCHART  
E-GRADE FLOW  
UPDATED 08/25/08**

Vendor: Linear Technology Corporation  
 Product: Bipolar or CMOS Products  
 Package: All Package Types  
 Location of Wafer Fab: Linear Technology Corp., Milpitas, CA., or Camas, WA  
 Assembly: Linear Technology Corporation, Penang, or Malaysia or any approved assembly subcontractor  
 Final Test: Linear Technology Corp., Milpitas, CA., or Singapore  
 Q.C. Test: Linear Technology Corp., Milpitas, CA., or Singapore  
 Source Accept Test: Linear Technology Corp., Milpitas, CA., or Singapore  
 Quality Contact: Naib Girn, LTC Milpitas, CA (408) 432-1900 Ext. 2519



FLOW CHART	PROCESS STEP	DESCRIPTION	INSPECTION/TEST CRITERIA	METHOD & EQUIPMENT	SAMPLING PLAN	SPC TECHNIQUE
	LTC INCOMING INSPECTION	CHECK QUALITY OF INCOMING ASSEMBLED MATERIAL	PACKAGE DIMENSION  EXTERNAL VISUAL  MARK PERMANENCY (IF INK MARK)  SOLDERABILITY  DIE ATTACH QUALITY  LEAD FATIGUE TEST	OPTICAL COMPARATOR & CALIPERS  3X TO 30X MICROSCOPE  MIL-STD-883 METHOD 2015  MIL-STD-883 METHOD 2003  DIE SHEAR  LEAD FATIGUE TESTER	S/S = 2, ACC = 0  S/S 45, ACC = 0  S/S = 4, ACC = 0  S/S = 3, ACC = 0  S/S = 11, ACC = 0  S/S = 10, ACC = 0	% LAR TREND CHART
	CLASS TEST	ELECTRICAL TEST	TEST TO GUARD BANDED DATASHEET TEST LIMITS	INTEGRATED CIRCUIT TEST SYSTEM	100%	MINIMUM YIELD CONTROL
	QA ELECTRICAL TEST @ +25°C	ELECTRICAL QUALITY	TEST TO GUARD BANDED DATASHEET TEST LIMITS	INTEGRATED CIRCUIT TEST SYSTEM	S/S = 315, ACC = 0	PPM CHART
	QA ELECTRICAL TEST @ +85°C AND @ 0°C OR AS SPECIFIED IN THE DATA SHEET	ELECTRICAL QUALITY	TEST TO GUARD BANDED DATASHEET TEST LIMITS	INTEGRATED CIRCUIT TEST SYSTEM	S/S = 125 MIN ACC = 0	PPM CHART
	EXTERNAL VISUAL INSPECTION	CHECK FOR PACKAGE QUALITY	VISUAL: BENT LEADS, LEAD FORM CRITERIA, MOLD VOIDS/CRACKS ETC	UNAIDED EYE	100%	YIELD CHART
	QA POST PACK INSPECTION	PACKAGE/PACK QUALITY INSPECTION	VERIFY CORRECT TOP MARK, CORRECT PACK METHOD, CORRECT LABELING, EXTERNAL VISUAL INSPECTION, BENT LEADS	3X TO 10X MICROSCOPE INSPECTION	S/S = 116, ACC = 0	% LAR AND PPM P.A. CHART
	QA SHIPBENCH INSPECTION	PLANT CLEARANCE INSPECTION	PAPERWORK CHECK, VERIFY CORRECT PART NUMBER AND QUANTITY	UNAIDED EYE INSPECTION	EVERY SHIPMENT	
	SHIP TO CUSTOMER					