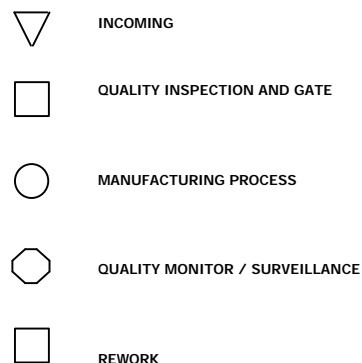


**ATTACHMENT 3.
TEST AND EOL FLOWCHART
COMMERCIAL FLOW**

Vendor: Linear Technology Corporation
 Product: Bipolar or CMOS Process
 Package: All Package Types
 Location of Wafer Fab: Linear Technology Corp., Milpitas, CA./ Camas, WA.
 Assembly: Penang/Carsem/Unisem Malaysia Chinteik Thailand
 Final Test: Linear Technology Corp., Milpitas, CA., Singapore
 Q.C. Test: Linear Technology Corp., Milpitas, CA., Singapore
 Source Accept Test: Linear Technology Corp., Milpitas, CA., Singapore
 Quality Contact: Dwight Somerset, LTC, Milpitas, CA.
 (408) 432-1900 Ext. 2427



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 = 76, ACC = 0 S/S = 4, ACC = 0 S/S = 3, ACC = 0 S/S = 5, ACC = 0 S/S = 10, ACC = 0	% LAR TREND CHART
○	100% 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 @ +70°C AND @ 0°C RANDOM MONITOR BASIS	ELECTRICAL QUALITY	TEST TO GUARD-BANDED DATASHEET TEST LIMITS	LTX INTEGRATED CIRCUIT TEST SYSTEM	S/S = 125, ACC = 0	PPM CHART
○	100% EXTERNAL VISUAL INSPECTION	CHECK FOR PACKAGE QUALITY	VISUAL: BENT LEADS, LEAD FORM CRITERIA, MOLD VOIDS/CRACKS ETC	UNAIDED EYE		YIELD CHART
□	QA POST PACK INSPECTION	PACKAGE/ PACK QUALITY INSPECTION	VERIFY CORRECT TOP MARK, CORRECT PACK METHOD, CORRECT LABELLING, EXTERNAL VISUAL INSPECTION, BENT LEAD	3X TO 10 X MICROSCOPE INSPECTION	S/S = 125, ACC = 0	% LAR AND PPM P.A. CHART
□	QA SHIPBENCH INSPECTION	PLANT CLEARANCE INSPECTION	PAPERWORK CHECK, VERIFY CORRECT PART NUMBER AND QUANTITY	UN-AIDED EYE INSPECTION	LTPD = 2% S/S = 116, ACC = 0	
○	SHIP TO CUSTOMER					