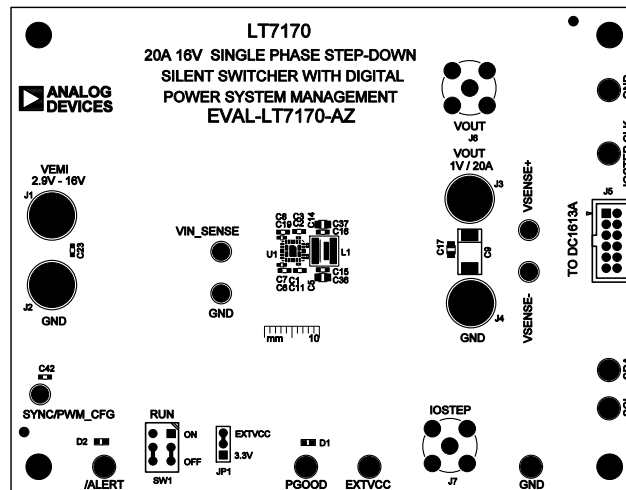


TITLE: BOTTOM ASSEMBLY DRAWING

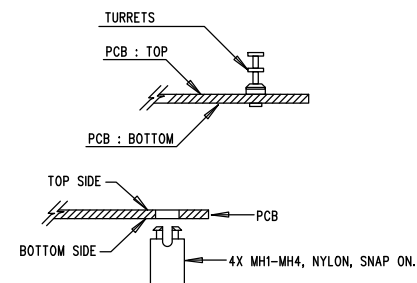
20A 16V SINGLE PHASE STEP-DOWN SILENT SWITCHER
WITH DIGITAL POWER SYSTEM MANAGEMENT

| | | |
|-----------|--------------------------|------------|
| SIZE | IC NO. | REV |
| N/A | LT7170 EVAL-LT7170-AZ | 2 |
| FILENAME: | | SHT 2 of 2 |

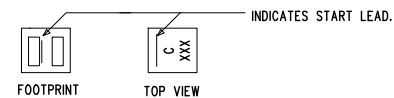


NOTES: UNLESS OTHERWISE SPECIFIED

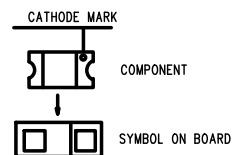
1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH IPC-A-610.
MAXIMUM SOLDER TEMPERATURE IS 240 DEG C.
2. ASSEMBLY PROCESS SHALL INCLUDE: REFLOW SOLDER TOP SIDE SMD.
3. PARTS TO OMIT WILL BE SPECIFIED ON THE BILL OF MATERIALS.
LOCATIONS OF OMITTED PARTS SHALL BE FREE OF SOLDER.
MASK THE SOLDER STENCIL WHERE SMT PARTS ARE OMITTED.
4. INSTALL SHUNTS AS SHOWN ON ASSY DRAWING.
5. DEPANELIZE BOARDS AFTER ASSEMBLY AND ROUTE-OUT THE
BREAKOUT TABS ON FOUR SIDES OF THE BOARD EDGE.
6. DO NOT APPLY ANY KIND OF ASSEMBLY STAMP OR QA STAMP
TO ANY BOARD.
7. INSTALL TURRETS AND STANDOFFS AS SHOWN BELOW:



8. INSTALL INDUCTORS AS SHOWN BELOW:



9. INSTALL DIODES D1 & D2 AS SHOWN BELOW:



| | | | |
|--|------------------------------------|------------|--|
| ANALOG DEVICES | | | |
| TITLE: TOP ASSEMBLY DRAWING | | | |
| 20A 16V SINGLE PHASE STEP-DOWN SILENT SWITCHER WITH DIGITAL POWER SYSTEM MANAGEMENT | | | |
| SIZE N/A | IC NO. LT7170 EVAL-LT7170-AZ | REV. 2 | |
| FILENAME: | | SHT 1 OF 2 | |