



National MM58274CV 20-Pin PLCC-to-16-Pin DIP Pkg Converter

FEATURES

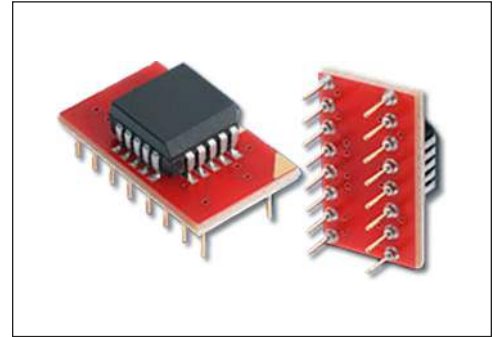
- Pb-free RoHS/WEEE-compliant
- A cost-effective means of upgrading to a PLCC package type Clock Chip without changing your PCB layout.

GENERAL SPECIFICATIONS

- BOARD MATERIAL: 0.062 thick FR-4 or IS410 per IPC 4101C/26 with 1-oz. Cu traces, both sides
- PADS: finished with ENIG (Immersion Au over Electroless Ni)
- PINS: 1/2-hard Brass 360 per UNS C36000, ASTM B16/B16M
- PIN PLATING: 10µ [0.25µ] min. Au per MIL-G-45204 over 100µ [2.54µ] Ni per SAE AMS-QQ-N-290
- OPERATING TEMPERATURE: 221°F [105°C] max.

MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.028 ±0.003 [0.71 ±0.08] dia.



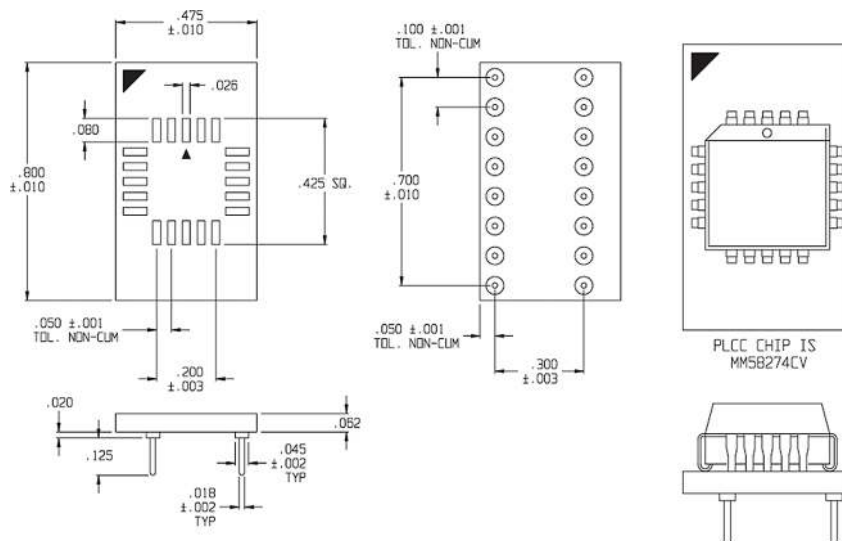
CUSTOMIZATION: In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. **NOTE:** Aries reserves the right to change product general specifications without notice.

ALL DIMENSIONS: INCHES [MILLIMETERS]
 ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
 THE ABOVE SHOWS CHIP MOUNTED FOR ILLUSTRATION PURPOSES ONLY. PLEASE CONTACT ARIES CUSTOMER SERVICE IF YOU WOULD LIKE TO SUPPLY THE CHIP OR HAVE ARIES SUPPLY AND MOUNT IT.
 CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

ORDERING INFORMATION

16-307349-11-RC-P

Optional Panelized Version



| 20 PLCC Pin | TO | 16-Pin DIP Pin |
|----------------|----|-------------------|
| 1 | > | 1 |
| 2 | > | 2 |
| 3 | > | 3 |
| 4 | > | N/C |
| 5 | > | N/C |
| 6 | > | 4 |
| 7 | > | 5 |
| 8 | > | N/C |
| 9 | > | 6 |
| 10 | > | 7 |
| 11 | > | 8 |
| 12 | > | 9 |
| 13 | > | 10 |
| 14 | > | 11 |
| 15 | > | 12 |
| 16 | > | N/C |
| 17 | > | 13 |
| 18 | > | 14 |
| 19 | > | 15 |
| 20 | > | 16 |



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18101RC
Rev. AA