



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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

## FEATURES

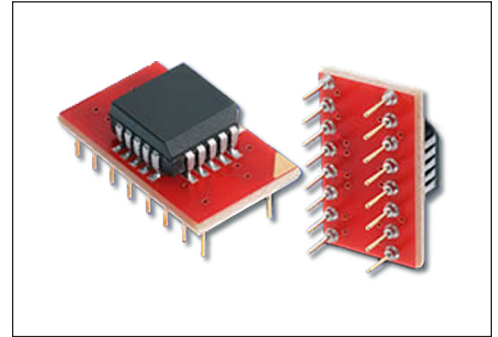
- Pb-free RoHS/WEEE-compliant
- A cost-effective means of upgrading to a PLCC package type Clock Chip without changing your PCB layout.

## 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.



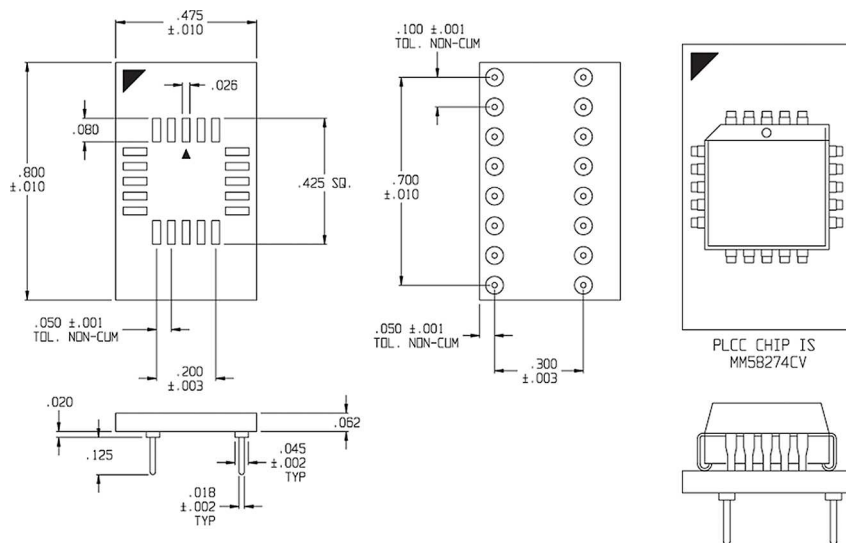
**CUSTOMIZATION:** In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. **NOTE:** Aries reserves the right to change product general specifications 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