



# COMPONENT NEWS

EVALUATION ENGINEERING

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COMPILED BY PRODUCT RELIABILITY INFORMATION

NO. 122 DATE 1-13-70

## RCA INTEGRATED CIRCUITS SEMINAR

RCA will be holding a one hour seminar January 26 concerning a new integrated circuit that they will be introducing. The new IC is a monolithic chip with seventeen transistors on it. The metalization layer will be custom made for each user. They are interested in our feelings about this type of product and will welcome questions.

If you are interested in attending, please contact me at Ext 6337 for time and place.

-Steve Tosh

## METAL FILM RESISTOR SIZES

There are at least 10 military styles of metal film axial lead resistors that we use. Resistor manufacturers also have a graduated set of sizes with very small differences in their commercial line. We have decided on five part number categories. The ratings may not follow either military or commercial wattages. Typically the ratings correspond to either a maximum hot spot temperature or a load life change under rated power at 100°C.

All five major manufacturer's parts we use will be physically and electrically interchangeable within their own part number series 321 through 324. All other sizes, molded cases, and non-interchangeable parts will be in the 325 part number series. Wattage rating of resistors in the 325 series does not necessarily indicate a similar size to those in the 321 to 324 series.

321	1/8 watt	324	1 watt
322	1/4 watt	325	any size
323	1/2 watt		

For further information call me at Ext 7268.

-Ray Powell

Arnold Frisch 50-395 (2)