
C2642 Dither Generator Module Model Selection

C **2** **6** **4** **2** - **A** **A** **A** - **B** **B** **B** - **C** **C** **C** - **D** **D**

MODEL SERIES: _____

_____ **SUFFIX IDENTIFIER:**

C2642 = Dither generator module..

AAA = INPUT POWER SUPPLY VOLTAGE:

100 = Plus and minus 10 to 30 volts dc.

150 = Plus and minus 15 to 30 volts dc.

BBB = RATED MAXIMUM OUTPUT FREQUENCY:

101 = 100 Hz.

201 = 200 Hz.

501 = 500 Hz.

102 = 1000 Hz.

CCC = RATED OUTPUT VOLTAGE SIGNAL:

050 = Plus and minus 5 volts dc.

100 = Plus and minus 10 volts dc.

DD = FACTORY ASSIGNED OPTION IDENTIFIER:

00 = Standard, no options supplied.

XX = Special features, factory assigned number.

NOTES:

- 1) This dither generator module provides both triangle and square wave output signals. The desired output is selected via the position of a circuit board mounted jumper.
- 2) Both the amplitude and frequency of the output signal are adjustable with the board mounted potentiometers.
- 3) The minimum output frequency is 10% of the maximum value specified by suffix BBB.
- 4) For models with 10 volt dc output signal (suffix CCC = 100) the input power supply must not be less than 15 volts dc (suffix AAA = 150).
- 5) When selecting a dither generator for use with Datatran's linear servo amplifiers, model series C2405 and D2408, the dither generator output voltage (suffix CCC) should be equal to the servo amplifier input voltage.

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