

# 34758-TE

## Variable Frequency/Duty Cycle Generator

Variable Frequency & Pulse Width Generator module with back lit LCD Display.  
 Designed as a Simple source of test pulses.  
 Auto save prevents setting loss due to power fail.  
 Power: 3.3 ~ 30V;  
 Frequency range: 1Hz ~ 150KHz; auto switching  
 Duty Cycle ~0-99%  
 Accuracy: ~ 2%;  
 Max Output Current: <30ma;  
 Output Voltage: ~Vcc  
 Ambient temperature: -20 ~ +50 "C"  
 Connections: 0.1" pitch Solder Pads  
**L:** 2-1/16"    **W:** 1-1/4"    **T:** 3/8"    **WT:** .04



### SET UP

The 4 Pushbutton switches are used to set the Frequency and Duty Cycle,  
 Short press for a single unit increase or decrease  
 Long press for rapid increase or decrease  
 Ranges:

1-999Hz	Display Shows <b>123</b> (no decimal Pt.)	Resolution 1Hz
1KHz-9.99KHz	Display Shows <b>1.23</b>	Resolution 10Hz
10KHz-99.9KHz	Display Shows <b>12.3</b>	Resolution 100Hz
100KHz--150KHz	Display Shows <b>1.2.3</b>	Resolution 1KHz

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**MARLIN P. JONES & ASSOC., INC.**

P.O. Box 530400 Lake Park, FL 33403  
 800-652-6733 FAX 561-844-8764  
 WWW.MPJA.COM