

# Modified Sinusoidal Ring Signal for TLS-4/5

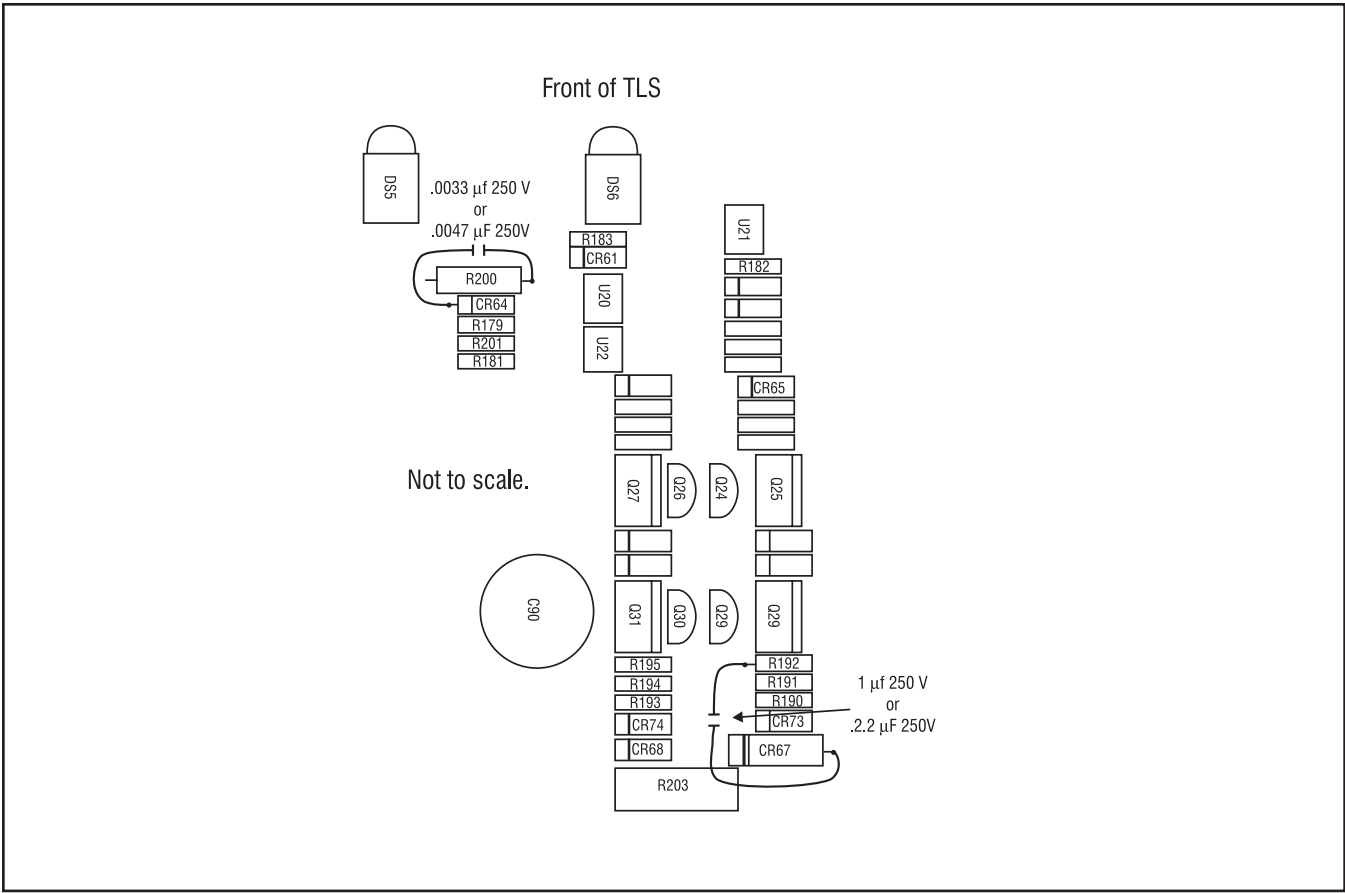
This modification will take the square edges off the stepped sinusoidal ring signal.

**Instructions**

Add a .0033  $\mu$ F or a .0047 mF cap from R200 to CR64. Use a 250V minimum rated non-polarized capacitor.

Add a 1.0 mF or a 2.2  $\mu$ F cap from CR67 to R192. Use a 250V minimum rated non-polarized capacitor.

**Note:** Caps must be oriented to existing parts per drawing.



**DISCLAIMER**

Please be aware that customers may perform this modification at their own risk. Modifications may cause your Teltone product to operate outside of advertised specifications. Any modification (including those documented in the application note) to a unit under warranty will void the warranty and any damages will not be covered under warranty. Any repair costs will be billed as "Out of Warranty".