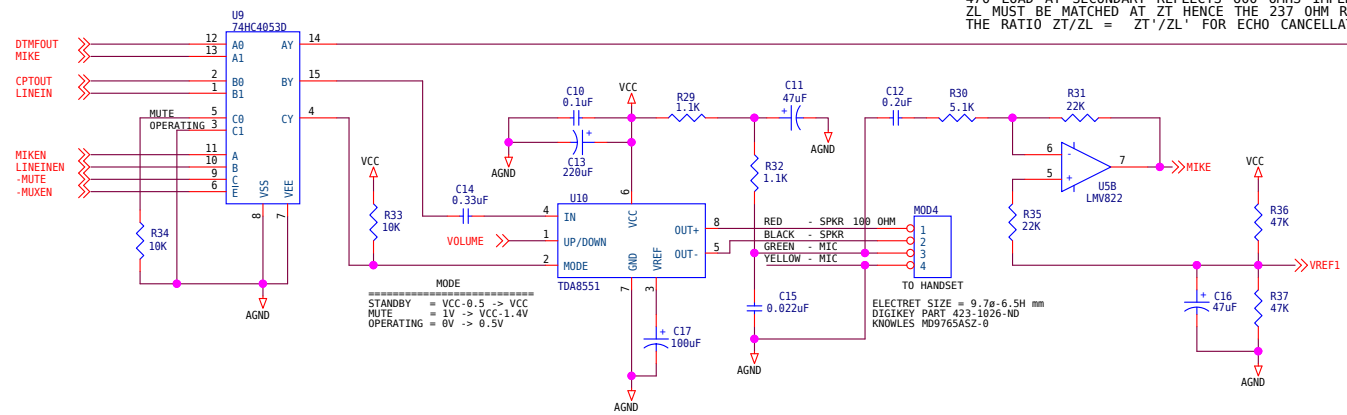


470 LOAD AT SECONDARY REFLECTS 600 OHMS IMPEDANCE AT PRIMARY  
 ZL MUST BE MATCHED AT ZT HENCE THE 237 OHM RESISTORS  
 THE RATIO  $ZT/ZL = ZT'/ZL'$  FOR ECHO CANCELLATION



MODE  
 STANDBY = VCC-0.5 -> VCC  
 MUTE = 1V -> VCC-1.4V  
 OPERATING = 0V -> 0.5V

TO HANDSET  
 ELECTRET SIZE = 9.78-6.5H mm  
 DIGKEY PART 423-1026-ND  
 KNOWLES MD9765AS2-0

**ZSControl SAS**

Project: Call Control System Model ZSS MX2 for Penitentiaries

Module: TELEPHONE LINES COUPLING

Sheet 2 of 5 | Size: Custom | Revision: A0 | Scale: 1:1

Date: Monday, July 20, 2009

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