



Digital Oil, LLC      Pine River, MN

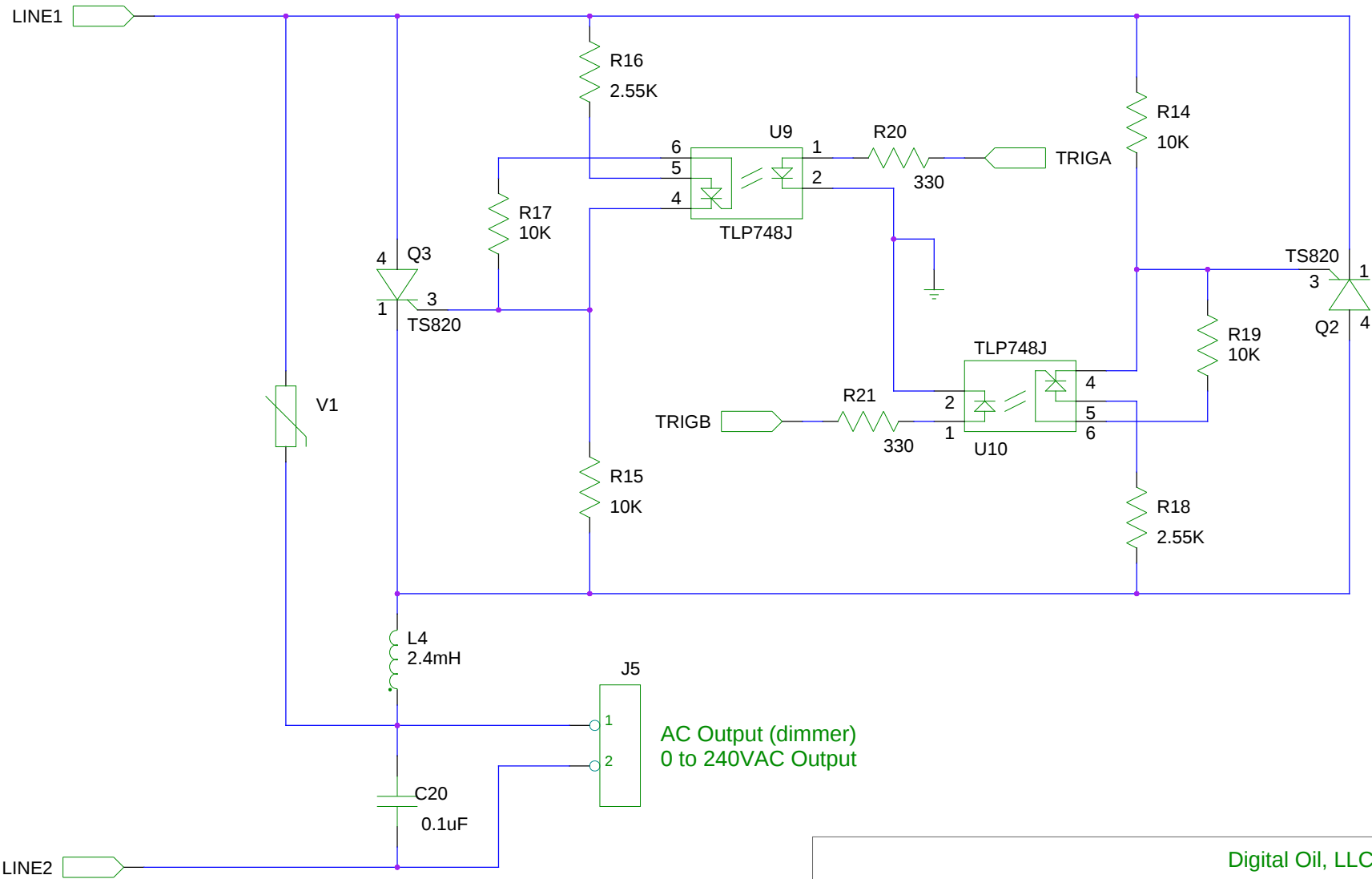
# TITLE Antenna Matching and Zero Crossing Detector

FILE: do-hw-0004-1.sch

REVISION: 0.1

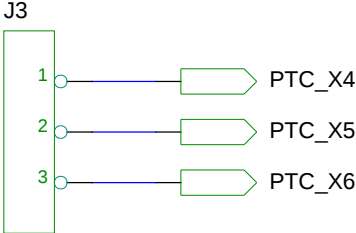
PAGE 3 OF 5

DRAWN BY: tgack

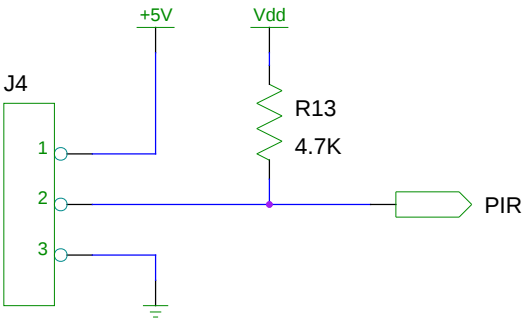


Digital Oil, LLC Pine River, MN			
TITLE Lamp Dimmer Circuit			
FILE: do-hw-0004-1.sch		REVISION: 0.1	
PAGE 4 OF 5		DRAWN BY: tgack	

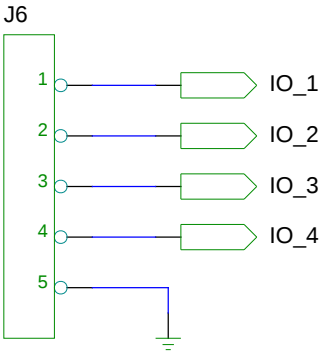
From capacitor sense board.  
Sensing area length: 60.0 mm  
Sensing area width: 18.0 mm  
Spatially Interpolated, Mutual  
Capacitive sense board.



PIR Motion  
Detect Input



General purpose input.  
IO\_1: Analog In || Digital In || Digital Out  
IO\_2: Analog In || Digital In || Digital Out  
IO\_3: Analog In || Digital In || Digital Out  
IO\_4: Analog In || Digital In || Digital Out



Digital Oil, LLC Pine River, MN

TITLE Offboard Connections

FILE: do-hw-0004-1.sch

REVISION: 0.1

PAGE 5 OF 5

DRAWN BY: tgack