



**Bill of Materials:**

- ICs:**  
 1-4516----U1  
 2-4081----U2,U5  
 1-4069----U3  
 1-7414----U4  
 1-4001----U6  
 1-4013----U7  
 1-4511----U9
- Diodes:**  
 7-1N4148----D1 - D7  
 3-1N4001----D8 - D10
- Capacitors:**  
 3-1µF----C1 - C3  
 2-10µF----C4  
 1-1000µF----C5
- Resistors:**  
 3-10K----R1,R3,R10  
 3-270K----R2,R4,R9  
 11-1k1----R6 - R8,R13 - R20  
 1-120K----R11  
 1-47K----R12
- Other:**  
 1-7 SEG DISPLAY----A8  
 3-TIP120----Q1 - Q3  
 3-PB SW----S1 - S3  
 Tranny Solenoids----K1 - K3

**Kevin Fletcher Designs**

Title: AW4 TIPTRONIC CONTROLLER		
Size A	Document Number 1	Rev J
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