# 31952-MP
## 10 Bit Digital/Analog Converter Module

Mini 10 Bit Converter for Microcontrollers
Serial CMOS D/A converter based on the TLC5615 Chip.
Converter has precesion internal conversion from current to voltage for ease of use.
All Pins brought to headers.
Jumper Selectable onboard TL431A reference or external reference source. Serial input including SPI, QSPI & Microwire using Din, Sclk & CS. Dout pin allows for daisychaining. 16, 12, or 10 bit data (using 2 or 6 dummy bits.)
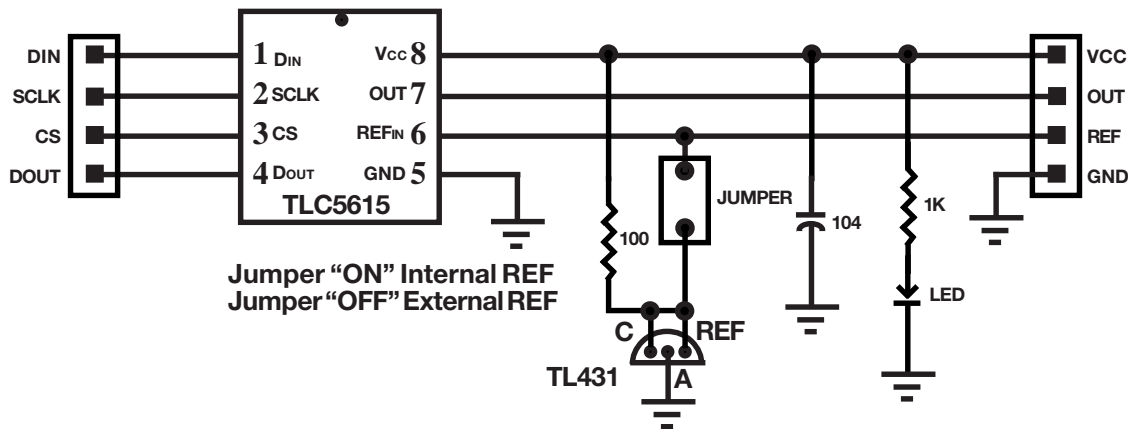Power: 5VDC
Output: Voltage=2(Vref)("data"/1024) @ 20mA max
Input: 10 Data bits with either 2 or 6 dummy bits
See TLC5615 Data Sheet for data format
Connectors: Dual 4 X 1 X .1" Pitch headers
LED Power Indicator