## Cole <br>  <br> LEAD-FREE

## PIC16F917 TARGET BOARD

### 1.0 INTRODUCTION

The DLP-uCF917 Target Board is designed to easily connect to the DLP-FLASH2 Device Programmer/Debugger and provide the design engineer with a low-cost hardware platform for developing and testing applications for the PIC16F917 microcontroller.
(Refer to the schematic at the end of this datasheet for additional details.)

### 2.0 SPECIFICATIONS

- Program Memory: 8K x 14
- 2.0-5.5V Operation**
- RAM Size: $352 \times 8$
- 31 I/O ( $8 \times 10 b$ Analog)
- EEPROM Size: $256 \times 8$
- LED Indicator
- Size: $1.92 \times 0.89$ Inches
** Note: If this target board is operated at a voltage other than 5.0 volts via a user-supplied power source, then the TPWR jumper must be removed on the DLP-FLASH2 Programmer.


### 3.0 OSCILLATOR OPTIONS

The PIC16F917 has an internal, factory-calibrated (1\%) oscillator with eight user-selectable frequencies from 31 kHz to 8 MHz . Refer to the datasheet for the PIC16F917 for additional details.

A user-supplied crystal and associated capacitors can also be added if a specific operating frequency is required.

### 4.0 PROGRAMMER/DEBUGGER INTERFACE

The DLP-FLASH2 Programmer/Debugger utilizes a 6-pin, 2 mm female header for connection to the target device. The following shows the pinout for the programming interface connectors:


| Pin \# | Description | Alternate Name |
| :---: | :---: | :---: |
| 1 | PGM | B3 |
| 2 | PGC | B6 |
| 3 | PGD | B7 |
| 4 | Ground |  |
| 5 | Target Power | TVDD |
| 6 | MCLR | Vpp |

### 5.0 DISCLAIMER

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### 6.0 CONTACT INFORMATION

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