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TIDA-00254: 3D Scanner with LCR4500 and Point Grey Camera Schematic

TI Information

- DWN/CHR
- SYS ENGR
- MANU

0314CP

NHA USED ON

- QA

APPLICATION

- APVD

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SIZE | DRAWING NO | REV |
-----|------------|-----|
A    | 2514101    | A   |

SCALE | SHEET |
NONE   | 1 OF 3 |
Windows 7 PC

USB 3.0 Port*
USB 2.0 Port

* USB 2.0 Port is acceptable if using lower camera frame rate

USB 2.0 Male A to Mini B Cable

12V DC 5A Power Supply
Center Positive Polarity

Camera Trigger Cable (TI Drawing #2514095)

Camera Lens (Computar M0814-MP2)

Camera (Point Grey FL3-U3-13Y3M)

USB 3.0 Male A to Micro B Cable

USB 2.0 Male A to Micro B Cable

PROJECTOR (DLP LightCrafter 4500)

GPIO
USB 3.0 Port

USB 3.0 Port

* USB 2.0 Port is acceptable if using lower camera frame rate

Windows 7 PC
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