HSI

LED String:

Revision History Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Author | Date | Status |
| 1.0 | Caroline Youssef / Mahmoud Gamal | 23/1/2020 | Initial Creation |
| 1.1 | Caroline Youssef / Mahmoud Gamal | 28/1/2020 | Review Changes – under development |
| 1.2 | Caroline Youssef /  Mark Joseph | 5/2/2020 | Header Added- Document Status Table Added |

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| --- | --- | --- | --- |
| **Date** | **Version** | **Document Status** | **Author** |
| 23/1/2020 | 1.0 | Draft | Caroline Youssef / Mahmoud Gamal |
| 28/1/2020 | 1.1 | Proposed | Caroline Youssef / Mahmoud Gamal |
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# Current Document State:

Contents

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[Features: 5](#_Toc30758170)

# Requirements

Block Diagram

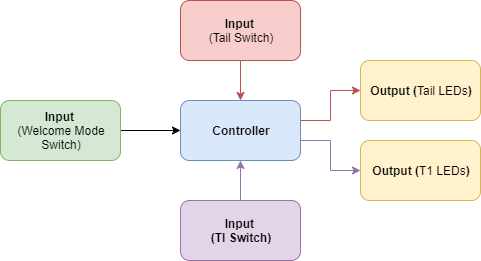


Fig. 1

Pin Layout

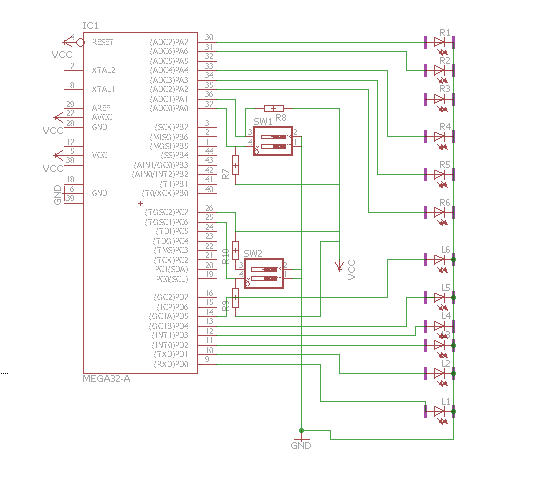


Fig. 2

|  |  |
| --- | --- |
| Pin Number | Pin Configuration |
| 4 | VCC |
| 5 | VCC |
| 6 | GND |
| 9 | OUTPUT |
| 10 | OUTPUT |
| 11 | OUTPUT |
| 12 | OUTPUT |
| 13 | OUTPUT |
| 14 | OUTPUT |
| 25 | INPUT |
| 26 | INPUT |
| 30 | OUTPUT |
| 31 | OUTPUT |
| 32 | OUTPUT |
| 33 | OUTPUT |
| 34 | OUTPUT |
| 35 | OUTPUT |
| 36 | INPUT |
| 37 | INPUT |

# Features:

* At launch the LEDs will perform welcome mode.
* Use tail switch to perform tail feature.
* Use TI switch for TI feature.