A

VCC5

VCC

VCC5

VCC5

**MSC-51 IC**

| | | | | |
|---|---|---|---|---|
| P10 | 1 | P10 | VCC | 40 |
| P11 | 2 | P11 | | |
| P12 | 3 | P12 | P00 | 39 P00 |
| P13 | 4 | P13 | P01 | 38 P01 |
| P14 | 5 | P14 | P02 | 37 P02 |
| P15 | 6 | P15 | P03 | 36 P03 |
| P16 | 7 | P16 | P04 | 35 P04 |
| P17 | 8 | P17 | P05 | 34 P05 |
| | | | P06 | 33 P06 |
| RST | 9 | RST | P07 | 32 P07 |
| RXD | 10 | RXD | EA/VP | 31 EA |
| TXD | 11 | TXD | ALE/PROG | 30 ALE |
| INT0 | 12 | INT0 | PSEN | 29 PSEN |
| INT1 | 13 | INT1 | | |
| T0 | 14 | T0 | P27 | 28 P27 |
| T1 | 15 | T1 | P26 | 27 P26 |
| WR | 16 | WR | P25 | 26 P25 |
| RD | 17 | RD | P24 | 25 P24 |
| | | | P23 | 24 P23 |
| X2 | 18 | X2 | P22 | 23 P22 |
| X1 | 19 | X1 | P21 | 22 P21 |
| | 20 | GND | P20 | 21 P20 |

MSC-51 IC

**power**
1
2
HDR-1X2

K
1  2

C3
104

10uF

LED

1K

GND

X1    X2

XTAL

C1    C2

GND

GND

JP R
1
2
3
4
5
6
7
8
9

T
VCC 1
RXD 2
TXD 3
GND 4

D1 LED-3 P00
D2 LED-3 P01
D3 LED-3 P02
D4 LED-3 P03
D5 LED-3 P04
D6 LED-3 P05
D7 LED-3 P06
D8 LED-3 P07

D9 LED-3 P27
D10 LED-3 P26
D11 LED-3 P25
D12 LED-3 P24
D13 LED-3 P23
D14 LED-3 P22
D15 LED-3 P21
D16 LED-3 P20

C

VCC5

R3 10K    R2 10k

INT0      INT1

K1
2
1
水银开关

K2
Sw-pb

GND

# Bill of Materials

**Bill of Materials For Project [Free Documents] (No PCB Document Selected)**

| | |
|---|---|
| **Source Data From:** | **Free Documents** |
| **Project:** | **Free Documents** |
| **Variant:** | **None** |

| | | |
|---|---|---|
| Creation Date: | 2015/10/25 | 21:37:30 |
| Print Date: | 42302 | 42302.90109 |

| #Column Nam | #Column Name E | #Column Name E | #Column Name Error:Designator | #Column Name Error:Description | #Column Name Error:Q |
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| **Approved** | **Notes** | |
|---|---|---|
| | | |