

LogicOgic BOM

8/1/12

```
#Cmp ( order = Value )
| .1 uF      C7
| .1 uF      C9
| .1 uF      C12
| .1 uF      C15
| 1 K        R1
| 1 K        R2
| 1 K        R3
| 1 K        R4
| 1 K        R5
| 1 K        R6
| 1 K        R7
| 1 K        R8
| 1 K        R9
| 1 K        R10
| 1 K        R14
| 1 K        R15
| 1 K        R16
| 1 K        R17
| 1 K        R18
| 1 K        R19
| 1 K        R21
| 1 K        R22
| 1 K        R23
| 1 K        R24
| 1 K        R25
| 1 K        R26
| 1 K        R27
| 1 K        R28
| 1 K        R29
| 1 K        R30
| 1 K        R31
| 1 K        R32
| 1 K        R33
| 1 K        R34
| 1 K        R41
| 1 K        R42
| 1 K        R43
| 1 K        R44
| 1 K        R45
| 1 K        R46
| 1 K        R47
| 1 K        R48
| 1 K        R49
| 1 K        R50
| 1 K        R51
| 1 K        R52
| 1 K        R60
| 1 K        R61
| 10 uF      C19
| 100 uF     C14
| 220 Ohm    R11
| 220 Ohm    R12
| 220 Ohm    R13
| 220 Ohm    R20
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220 Ohm	R35
220 Ohm	R36
220 Ohm	R37
220 Ohm	R38
220 Ohm	R39
220 Ohm	R40
4001	U8
40106	U10
4011	U6
4013	U3
AND A	AND1
AND A	AND3
AND B	AND2
AND B	AND4
AND B	OR2
AND Out	AND5
AND Out	AND6
Buffer In	Buffer1
Clk FF	Clk1
Clk FF	Clk2
CONN_3	K1
CONN_7X2	P13
CONN_7X2	P14
DIODE	D1
DIODE	D2
DIODE	D3
DIODE	D4
DIODE	D5
DIODE	D10
DIODE	D11
DIODE	D12
DIODE	D13
DIODE	D14
DIODE	D15
Inverted Out	Inverted1
LED	D6
LED	D7
LED	D8
LED	D9
LED	D16
LED	D17
LED	D18
LED	D19
LED	D20
LED	D21
Non-Inverting Out	Non-Inverted1
NPN	Q3
NPN	Q4
NPN	Q5
NPN	Q6
NPN	Q7
NPN	Q8
NPN	Q9
NPN	Q10
NPN	Q11
NPN	Q12
NPN	Q13
NPN	Q14
NPN	Q15
NPN	Q16
NPN	Q17

NPN	Q18
NPN	Q19
NPN	Q20
NPN	Q21
NPN	Q22
NPN	Q23
NPN	Q27
NPN	Q28
OR A	OR1
OR A	OR3
OR B	OR4
OR Out	OR5
OR Out	OR6
Q Out	-Q1
Q Out	-Q2
Q Out	Q1
Q Out	Q2

#End Cmp

#End List