

Schottky Diode Pack

NTSJ40100CTG

Q1

BDW93CFFP

Marker Lamp

From Indicator Lamp

From Park Lamp

680 Ω

CD40107
BEE4

IC1



Marker Flasher Version 1

When Parking Lamps are on, + 12 flows to Q1 via Schottky Diode pack. D1 causes Q1 to conduct illuminating Bulb..

When Indicator is energized, + 12 flows through Schottky Diode pack to Q1 and D2 causes Q1 to conduct, illuminating bulb with indicator.

When Parking lamps are on AND indicator is energized, IC1 (NAND gate) turns bulb off as indicator is energized. Alternate action of indicator.

PROS: All Solid state. Can be made so that no vehicle modifications are required. Can be used with incandescent or led bulbs. Small size.

CONS: Approximately 1.5 volts dropped across circuit. (Lost illumination is not very perceptible.)

Component cost approx \$7.00 not including board fabrication.

CLIENT NAME and ADDRESS:

Any Splitfire With Marker Lamps

Solid State Marker Flasher

Author

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11-1-2014

Revision/Issue

DATE

11/2/2014

SIZE

SHEET NAME

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Solid State Marker Flasher

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SCALE

As Noted

REV

SHEET NO.

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