

|                         |    |         |    |      |   |   |
|-------------------------|----|---------|----|------|---|---|
| 14                      | 13 | 12      | 11 | 10   | 9 | 8 |
| MCC21R                  | 1D | CLK2PRE | 2D | Q0   |   |   |
| <b>74HC74 FLIP-FLOP</b> |    |         |    |      |   |   |
| CLR                     | 1D | CLK1PRE | 1Q | 1QND |   |   |
| 14                      | 13 | 12      | 11 | 10   | 9 | 8 |
| MCC21R                  | 2D | CLK2PRE | 2Q | Q0   |   |   |
| <b>74LS74 FLIP-FLOP</b> |    |         |    |      |   |   |
| 1                       | 2  | 3       | 4  | 5    | 6 | 7 |