



| | 94 |
|--|-----|
| | 0 |
| Table can be downed to the | 10 |
| Table can be derived direct by circuit or by Boolean expression. | 60 |
| ABC A+B+C AB+AC+BC (AB+AC+BC) | E |
| A B C T2 T2 F2 F3 F5 F = T3+T2 | A |
| | - |
| | 67 |
| | MA |
| Requirement - Circuit Design | 6 |
| See: Input | 6 |
| | |
| 5 Output | |
| Step1: | |
| >Input, output (Numbers) | - |
| Step 2: | W |
| Step 3: | 5 |
| -> Design Truth Table | 6 |
| Step 4: | 64 |
| - Simplify output from truth table by | 6 |
| writing terms against minterms | 6 |
| and then simplify it. | 6 |
| Draw Circuit from simplified output. | 6 |
| | 2 |
| Circuit Correctness Checking: | 13 |
| (b) By comparing input values from | 1 |
| (b) By comparing input values from | - |
| truth table with circuit's output | 5 |
| | - |
| | -6- |
| | 1 |
| | 0 |
| | 0 |
| 114 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 | 6 |
| | 1 |



























