

## Clock Selection Guide

| Notes:<br>S = Standard, A = Available  | Model Number  |   |      |   |   |      |      |   |   |      |   |      |      |   |      |   |
|--|---|---|------|---|---|------|------|---|---|------|---|------|------|---|------|---|
|  | 1083  |   | 1084 |   |   | 1088 | 1092 |   |   | 1093 |   | 1094 | 1095 |   | 1201 |   |
| Description  | B   | A | B    | C | B | A    | B    | C | B | C    | B | A    | C    | B | C    |   |
| <b>Accuracy</b>  |   |   |      |   |   |      |      |   |   |      |   |      |      |   |      |   |
| 100 ns   | S   | S | S    | S | S |      |      |   |   |      |   |      |      |   | S    | S |
| 250 ns   |   |   |      |   |   |      |      |   |   |      | S | S    | S    |   |      |   |
| 500 ns   |   |   |      |   |   | S    | S    | S | S | S    |   |      |      |   |      |   |
| <b>Inputs</b>  |   |   |      |   |   |      |      |   |   |      |   |      |      |   |      |   |
| GPS L1 Code (1575.42 MHz)  | S   | S | S    | S | S | S    | S    | S | S | S    | S | S    | S    | S | S    | S |
| L1 GLONASS CT  |   |   |      |   |   |      |      |   |   |      |   |      |      |   | S    | S |
| Galileo  |   |   |      |   |   |      |      |   |   |      |   |      |      |   | S    | S |
| BeiDou   |   |   |      |   |   |      |      |   |   |      |   |      |      |   | S    | S |
| Event Timer(s)/1 PPS Deviation   |   | S | S    | S | S | S    | S    | S | S | S    | S | S    | S    | S | S    | S |
| <b>Outputs</b>   |   |   |      |   |   |      |      |   |   |      |   |      |      |   |      |   |
| IRIG-B Modulated   |   | S | S    | S | S | A    | A    | A | A | A    | S | S    | S    | S | S    | S |
| IRIG-B Unmodulated   |   | S | S    | S | S | S    | S    | S | S | S    | S | S    | S    | S | S    | S |
| IRIG-B Modified Manchester   |   | S | S    | S | S |      |      |   |   |      |   |      |      |   |      |   |
| IRIG-B C37.118-2005  |   | S | S    | S | S | S    | S    | S | S | S    | S | S    | S    | S | S    | S |
| IRIG-B C37.118-2011  |   |   |      |   |   |      |      |   |   |      |   |      |      |   |      | S |
| 1 Pulse-Per-Second (PPS)   | S   | S | S    | S | S | S    | S    | S | S | S    | S | S    | S    | S | S    | S |
| Programmable Pulse   |   | S | S    | S | S | S    | S    | S | S | S    | S | S    | S    | S | S    | S |
| 50, 60 PPS   |   |   |      |   | S |      |      |   |   |      |   |      |      |   |      |   |
| 10, 100, 1k, 10k, 100k PPS   |   | S | S    | S | S |      |      |   |   |      |   |      |      |   |      |   |
| 1M, 5M, 10M PPS  |   | S | S    | S | S |      |      |   |   |      |   |      |      |   |      |   |
| 1M, 5M, 10M Hz (Sinusoid)  | S   |   |      |   |   |      |      |   |   |      |   |      |      |   |      |   |
| IRIG-D, E, and H   |   | S | S    | S | S |      |      |   |   |      |   |      |      |   |      |   |
| RS-232, IRIG-J   | S   | S | S    | S | S | S    | S    | S | S | S    | S |      |      |   | S    | S |
| RS-422/485 (Transmit)  |   | S | S    | S |   | A    | A    | A | A | A    | S |      |      |   | S    | S |
| Fault Relay(s)   |   | S | S    | S | A | A    | A    | A | A | A    | S | S    | S    | S | S    | S |
| Network Time Protocol (NTP) /<br>Precision Time Protocol (PTP), IEEE 1588 Server |   | A | A    | A | A |      |      |   |   | A    | A |      |      |   | A    | A |
| <b>Power</b>   |   |   |      |   |   |      |      |   |   |      |   |      |      |   |      |   |
| Universal Power Supply   | S   | S | S    | S | S |      |      |   |   | S    | S | S    |      |   | S    | S |
| Low DC Power Supply  |   | A | A    | A | A |      |      |   |   | A    | A | A    |      |   | A    | A |
| Surge Withstand Capability   |   | A | A    | A | A |      |      |   |   | A    | A | A    |      |   | S    | S |
| Wall-Mount Power Supply  |   |   |      |   |   | S    | S    | S |   |      |   |      |      |   |      |   |
| <b>Physical</b>  |   |   |      |   |   |      |      |   |   |      |   |      |      |   |      |   |
| Rack Mount   | S   | S | S    | S | S | A    | A    | A | S | S    | S |      |      |   | S    | S |
| Table Top  |   |   |      |   |   | S    | S    | S |   |      |   |      |      |   |      |   |
| LCD or VFD Display and/or Keyboard   | S   |   | S    | S | S |      | S    |   | S | S    | S |      |      |   | S    | S |
| Large LED Display  |   |   |      | S |   |      |      | S |   | S    |   |      | S    |   | S    | S |
| <b>Special Configurations and Options</b>  |   |   |      |   |   |      |      |   |   |      |   |      |      |   |      |   |
| Power System Time, Frequency, and Phase Monitor                                  |   | A | A    | A | A |      |      |   |   | A    | A |      |      |   | A    | A |
| IRIG-B Distribution Bus  |   |   |      |   | A |      |      |   |   |      |   |      |      |   |      |   |
| Low Drift OCXO   |   |   |      |   |   |      |      |   |   |      |   |      |      |   | A    | A |
| COMTRADE Generator   |   | A | A    | A | A |      |      |   |   |      |   |      |      |   |      |   |
| <b>WARRANTY</b>  | <b>Models 1083B and 1201B/C are 5 YEARS<br/>Other models are Limited Lifetime</b> |   |      |   |   |      |      |   |   |      |   |      |      |   |      |   |