

Clock Selection Guide

| Notes: S = Standard, A = Available | Model Number | | | | | | | | | | | |
|---|---|------|---|---|------|------|---|---|------|---|---|------|
| | 1083 | 1084 | | | 1088 | 1092 | | | 1093 | | | 1094 |
| Description | B | A | B | C | B | A | B | C | A | B | C | B |
| Accuracy | | | | | | | | | | | | |
| 100 ns | S | S | S | S | S | | | | | | | |
| 400 ns | | | | | | | | | | | | S |
| 1 µs | | | | | | | S | S | S | S | S | S |
| Inputs | | | | | | | | | | | | |
| GPS L1 Code (1575.42 MHz) | S | S | S | S | S | S | S | S | S | S | S | S |
| Event Timer(s)/1 PPS Deviation | | S | S | S | S | S | S | S | S | S | S | S |
| Outputs | | | | | | | | | | | | |
| IRIG-B Modulated | | S | S | S | S | A | A | A | A | A | A | S |
| IRIG-B Unmodulated | | S | S | S | S | S | S | S | S | S | S | S |
| IRIG-B Modified Manchester | | S | S | S | S | A | A | A | A | A | A | |
| IRIG-B IEEE 1344 | | S | S | S | S | S | S | S | S | S | S | S |
| 1 Pulse-Per-Second (PPS) | 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 |
| 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 |
| RS-422/485 (Transmit) | | S | S | S | | A | A | A | A | A | A | S |
| Fault Relay(s) | | S | S | S | A | A | A | A | A | A | A | S |
| Power | | | | | | | | | | | | |
| Universal Power Supply | S | S | S | S | S | | | | S | S | S | S |
| Low DC Power Supply | | A | A | A | A | | | | A | A | A | A |
| Surge Withstand Capability | | A | A | A | A | | | | A | A | A | A |
| Wall-Mount Power Supply | | | | | | S | S | S | | | | |
| Physical | | | | | | | | | | | | |
| Rack Mount | S | S | S | S | S | A | A | A | S | S | S | S |
| Table Top | | | | | | S | S | S | | | | |
| LCD or VFD Display and/or Keyboard | S | | S | S | S | | S | | | S | S | S |
| Large LED Display | | | | S | | | | S | | | S | |
| Special Configurations and Options | | | | | | | | | | | | |
| Power System Time, Frequency, and Phase Monitor | | A | A | A | A | | | | A | A | A | |
| IRIG-B Distribution Bus | | | | | A | | | | | | | |
| Low Drift OCXO | | | | | A | | | | | | | |
| COMTRADE Generator | | A | A | A | A | | | | | | | |
| WARRANTY | Model 1083B is 5 YEARS Other models are Limited Lifetime | | | | | | | | | | | |