

RadioCarbon RF Front End Board Contents

Package Contents

- RadioCarbon™ PCB
- DC Power Jumpers (2)
- SMA Female to MCX Male Adapters (3)
- TTL to USB Serial Converter Cable
- External heatsink
- Optional Tx Ceramic Filter EVB (USB079-EVB)
- USB Drive with RadioCarbon GUI



RF Front End Solution

The RadioCarbon™ RF Front End is a flexible development platform that can be modified to a variety of requirements. Contact Richardson RFPD to tailor the design to your band, power, and configuration needs. For more information, please refer to the RadioCarbon™ [product page](#). The RF Front End operates as stand-alone solution but is intended to work with a linearizer, such as Digital Pre-Distortion (DPD).

RadioCarbon™ SDR Kit

The RadioCarbon™ RFFE works with a variety of transceiver and linearizer solutions, but Richardson RFPD has released a development kit that integrates the RadioCarbon™ RF Front End with the NextGen RF Design BytePipe™ SDR System on Module, which has a powerful Xilinx SoC and Analog Devices Transceiver IC with on-board Digital Pre-Distortion (DPD). The kit includes the BytePipe™ SoM mounted to the RadioCarbon™ RF Front End, software, documentation, and most accessories. For more information, please refer to the RadioCarbon [product page](#).