



Product Change Notification

SM200PU1 End of Life Notification

Issue Date: January 1, 2021

Effective Date: January 1, 2021

Devices

Part Number	Description
SM200PU1	RF Engine Surface mount, ATmega128RFA1, 2.4Ghz, U.FL Antenna

Description of Changes

The SM200PU1 has been moved to End of Life and will no longer be offered for sale.

Reason for Change

There has been little demand for this product and hence it no longer makes sense to maintain production or inventory.

Recommended Alternative Product(s)

The SM200P81 has the same footprint, output power, receive sensitivity and power consumption characteristics as the SM200PU1 but includes an onboard chip antenna vs the u.FL connection for an external antenna.

The SM220UF1 has the same footprint as the SM200 series but also includes an integrated power amplifier (PA) to allow up to +20dBm output power (vs +3dBm for the SM200) and an integrated low-noise amplifier (LNA) for better receive sensitivity (-103 dBm vs -100 dBm) for significantly better range at the expense of higher transmit current (55ma @ +6dBm vs 22.5ma @ +3dBm) and slightly higher receive current (22mA vs 20.5mA). The SM220UF1 can be configured to use either the onboard "F" trace antenna or an external antenna via the u.FL connector.