

NXP support community  
**Engineers' Corner**

The Solid State RF Energy Revolution

Meet the Experts


Solid State RF Energy

Industrial, Scientific and Medical

Aerospace and Defense

Solid State RF Energy delivery @ISM frequencies

- Power, ruggedness, efficiency and control
- Single building blocks, flexible and integrate able architecture - "power bricks"
- Plug and play for customer, installable
- Flexible MPA power levels (10 to 1000W)
- Flexible frequency (ISM bands: 433, 12.8, 27.1, 40.7, 434, 915MHz, 2.45GHz)
- Flexible control (frequency, relative phase shift, ... application feedback)



NXP

**NXP**

XR  
eXtremely Rugged  
power delivery  
BLF188XR(S)

UNLEASH™



CLF1G0035(S)-50  
Broadband (0.5-2.5 GHz)



UNLEASH™

NXP

O ELECTRIC

University Subsystems  
Layer Technolog 0.5-

Ebit Systems



Ebit Systems