

240W POWER SUPPLY FOR RADIO

Overview

Cyient's 240W power supply module generates multiple voltage rails (28V, 12V, 3.3V, 5V, -100V, -125V) from nominal 12V input.

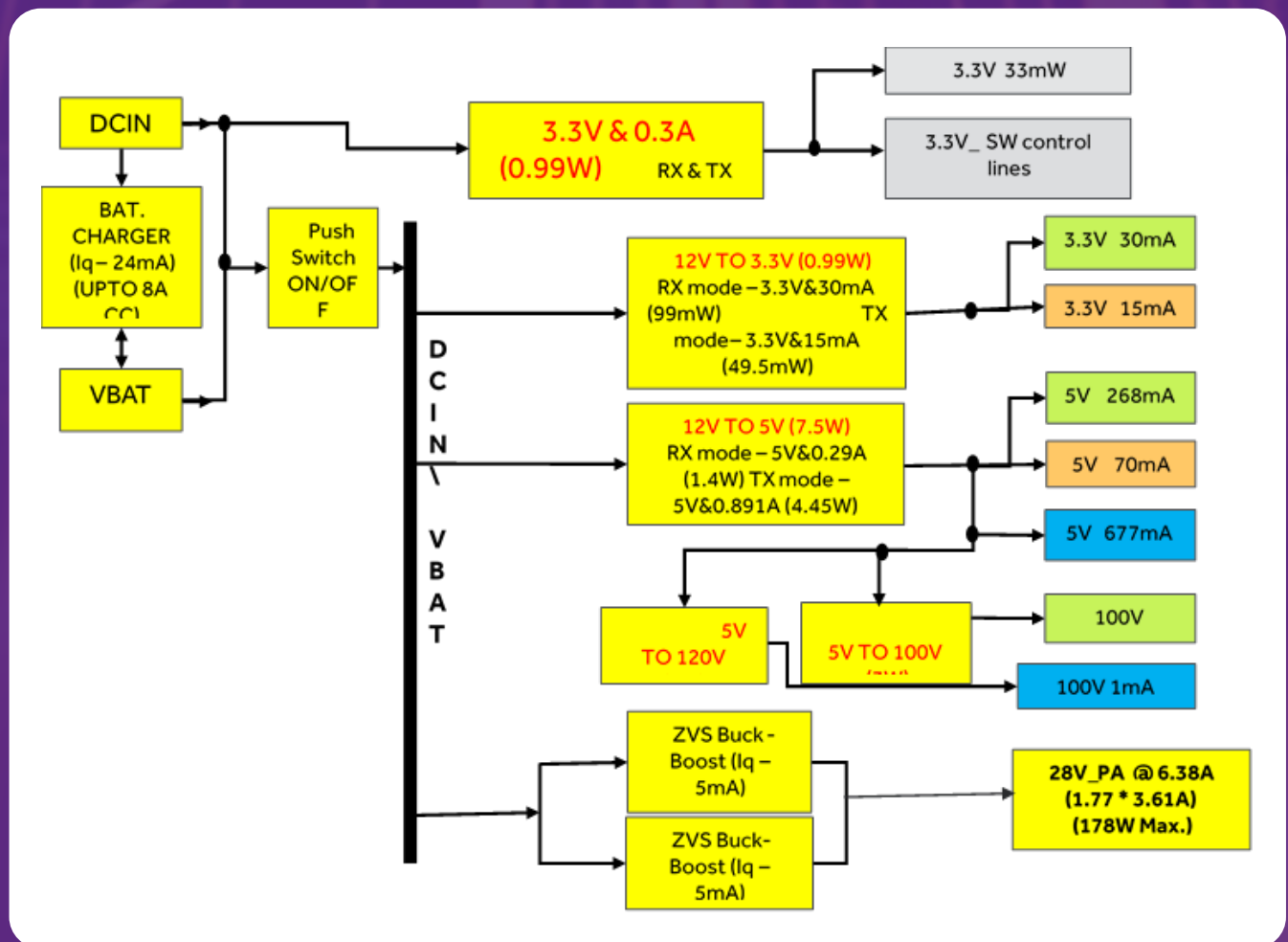
Key Features

- Compliant to MIL461E EMI/EMC requirements
- Modular, easy to test
- Dual inputs from Battery and external DC supply
- Battery Charge currents up to 8A
- Battery charge monitoring
- Over voltage, Under voltage, short circuit and reverse protection
- Differential and Common mode noise suppression

Technical Specifications

- Input voltage range: 9V to 14V
- Output voltages: 28V, 12V, 5V, 3.3V, -100V
- Load current: max of 6A @ 28V DC
- Compliant to MIL461E EMI/EMC requirements
- Modular, easy to test
- Can take inputs from Battery and external DC supply
- Inbuilt charging circuit to charge battery when external DC supply is connected

Block Diagram



Cyient (Estd: 1991, NSE: CYIENT) is a global engineering and technology solutions company. As a design, build, operate & maintain partner for leading organizations worldwide, we take solution ownership across the value chain and leverage the power of digital technologies and advanced analytics, along with domain knowledge and technical expertise, to solve complex business problems. With more than 16,000 employees in 20 countries, our industry focus includes aerospace and defense, medical, telecommunications, rail transportation, semiconductor, industrial, and energy.