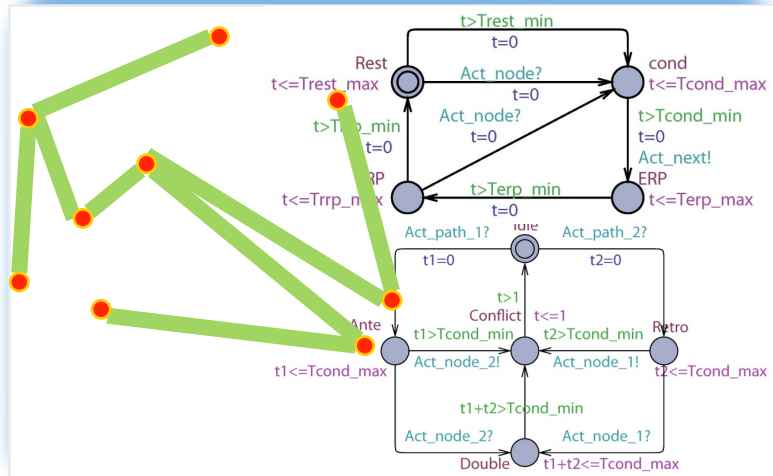
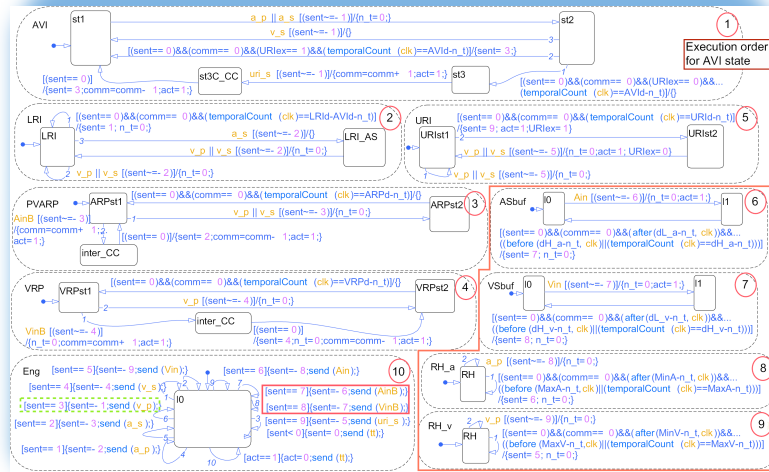


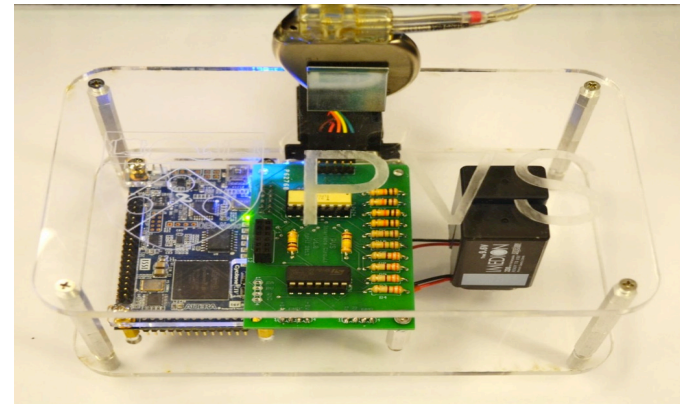
Model Checking



Simulation-based Testing



Platform Testing



- Non-deterministic UPAAL Model
- Abstract Heart and Device models

- Deterministic Simulink Model
- Increased complexity and interactions

- Hardware implementation of verified models
- Heart-on-a-Chip Platform