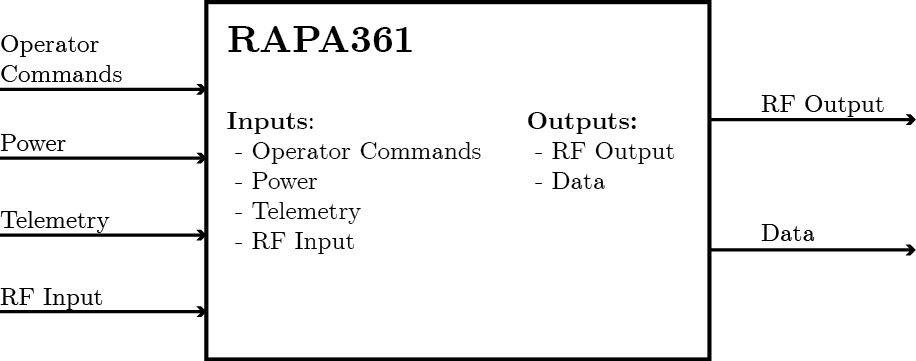
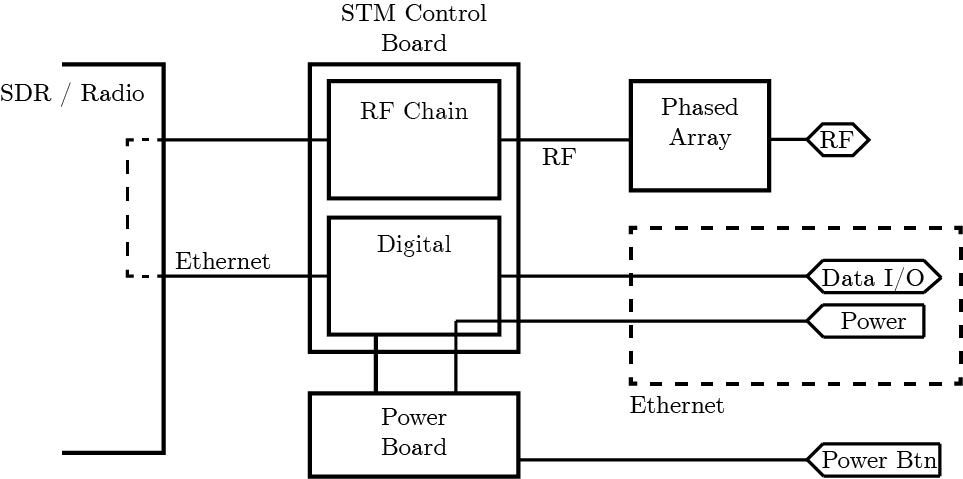
**FD0**



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| --- | --- |
| **Module** | Radio Agnostic Phased Array |
| **Inputs** | * Operator Commands – On/Off, modes of operation, data to be sent to drone * Power – power over Ethernet or from external batteries * Telemetry – Information on the location of the drone * RF Input – Received RF input from the drone |
| **Outputs** | * RF Output – generic RF data sent to drone * Data – Interpreted data from drone to be sent to user. Also includes system status information |
| **Functionality** | Radio agnostic phased array designed to interface with one or more mobile UAVs. It serves as a data pipe from the user to a generic user provided radio, and connects to the UAV via the phased array system. It can be switched from power over Ethernet to power from external batteries, depending on the application. |

**FD1**



|  |  |
| --- | --- |
| **Module** | Phased Array |
| **Inputs** |  |
| **Outputs** |  |
| **Functionality** |  |

|  |  |
| --- | --- |
| **Module** | RF Chain |
| **Inputs** |  |
| **Outputs** |  |
| **Functionality** |  |

|  |  |
| --- | --- |
| **Module** | Digital |
| **Inputs** |  |
| **Outputs** |  |
| **Functionality** |  |

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| --- | --- |
| **Module** | SDR/Radio |
| **Inputs** |  |
| **Outputs** |  |
| **Functionality** |  |

|  |  |
| --- | --- |
| **Module** | Power Board |
| **Inputs** |  |
| **Outputs** |  |
| **Functionality** |  |