



- 2 Synchronous Step-Down Converters
  - DC-DC1: can be adjusted between 0.7V-3.5V/25mV/step, load capability up to 1.2A
  - DC-DC2: can be adjusted between 0.7V-2.75V/25mV/step, load capability up to 1.5A, support VRC
- 4 LDOs
  - LDO1: 30mA, always on
  - LDO2: low noise LDO, 1.8V-3.3V adjustable, 100mV/step, load capability up to 200mA
  - LDO3: low noise LDO, 1.8V-3.3V adjustable, 100mV/step, load capability up to 200mA
  - LDO4: low noise LDO, 0.7V-3.3V adjustable, 25mV/step, load capability up to 500mA

Output	Type	Example usage	Voltage	Average
DCDC1	Buck	3.3V I/O	0.7-3.5	1.200mA
DCDC2	Buck	1.25V motor	0.7-2.75	1.500mA
LDO1	LDO	40C	3-3.3	30mA
LDO2	LDO	Analog/IMU	1.8-3.3	200mA
LDO3	LDO	1.8V HEAT	1.8-3.3	200mA
LDO4	LDO	2.5V LED	0.7-3.5	500mA

# Board Stack Report