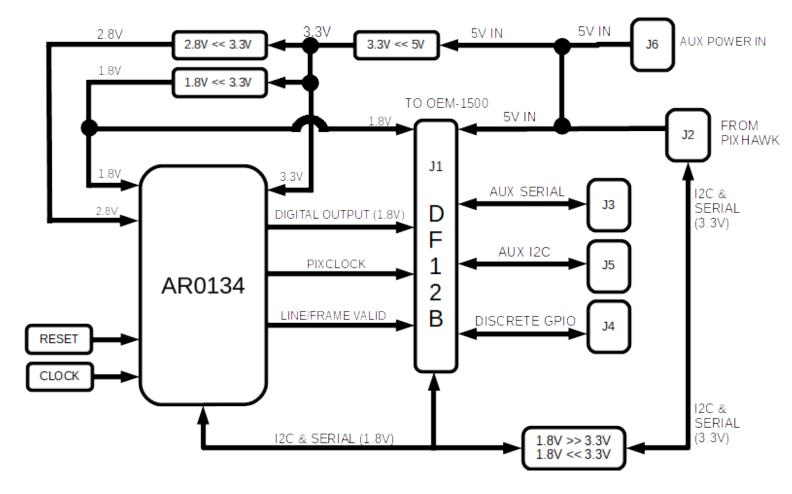# SLA 1500 CAM REV 5.0

April 3, 2019

Figure 1: *Level 1 Block Diagram of SLA 1500 CAM REV 5.0*

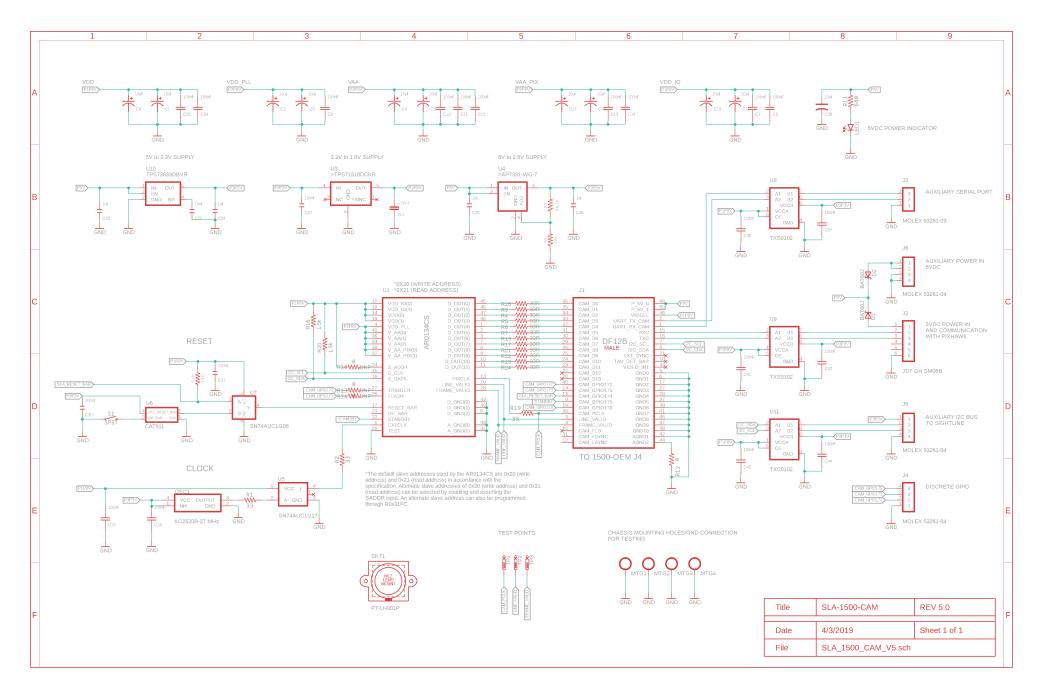| LABEL	MFG PART NUMBER	FUNCTION	MATES WITH
J1	HIROSE DF12B-50DS-0.5V(86)	50-Pin Digital Connector, Connects Directly to OEM-1500 J4	HIROSE 1500-OEM J4 [DF12B(5.0)-50DP-0.5V(86)]
J2	JST SM06B-GH	5VDC Power, Serial and I2C Communication With Pixhawk	JST GHR-06V-S
J3	MOLEX 53261-0371	Auxillary Serial Communications for Sightline Debugging	MOLEX 51021-0300 / CAB-0302
J4	MOLEX 53261-0471	Discrete GPIO Lines from 1500-	MOLEX 51021-0400 / CAB-0401
J5	MOLEX 53261-0471	Auxillary I2C Bus to Sightline	MOLEX 51021-0400 / CAB-0401
J6	MOLEX 53261-0471	Auxillary 5VDC Power In	MOLEX 51021-0400 / CAB-0401

Figure 2: *Summary of Connectors*

Figure 3: *SLA 1500 CAM REV 5.0 Schematic*