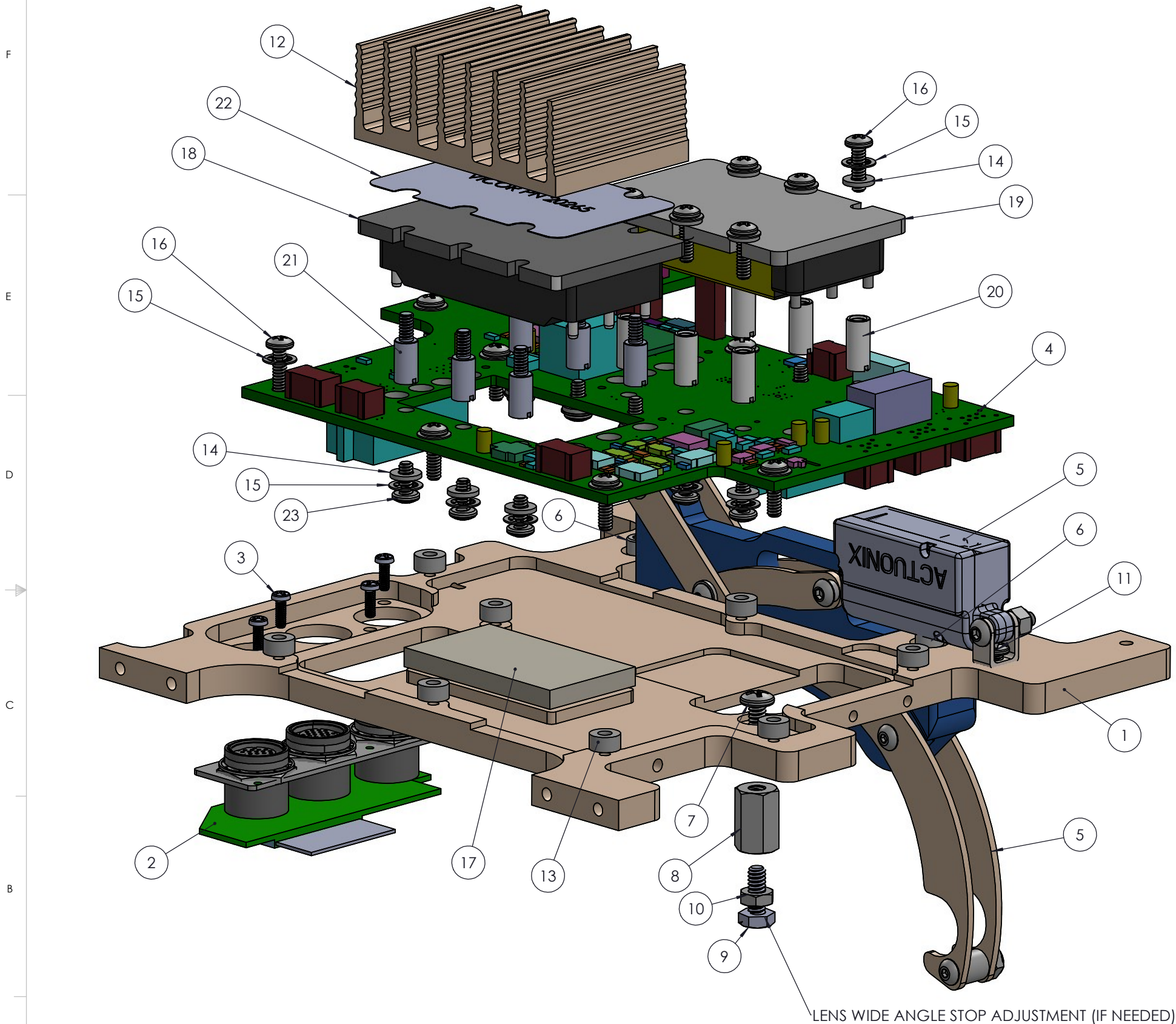


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	XX	XX/XX/202X	
C	XX	XX/XX/202X	



NOTE 1. SOLID MODEL LOCATION:
\\atlas\ProjectLibrary\902001_4K_ROVCameraDevelopment
\\EngineeringDesignDocuments\MechanicalDesign\4K_CameraChassis\100221414-10-A_ChassisTopPlateAssembly.SLDASM

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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	100221414-09-B_ChassisTopPlate	MBARI chassis top plate B rev., has larger cap. cutout	1
2	Canon_ConnectorPanel	Canon lens part	1
3	94017A106	M2.0-0.4x6mm_18-8_CheeseHead	4
4	10022150703ra_4krovlenscontrol	MBARI PCB	1
5	100221414-56-A_2XActuatorAssembly	Lens 2x extender actuator assembly	1
6	92185A145	#6-32x0.3125_316_SocketHeadCapScrew	2
7	91772A145	#6-32x0.3125_18-8_PanHeadScrew	1
8	91115A243	#6-32x0.5_18-8_HexThreadedStandoff	1
9	91720A142	#6-32x0.3125_316_HexHeadScrew	1
10	90730A007	#6-32_18-8_NarrowHexNut	1
11	94102A102	M3-0.5x6mm_18-8_JIS_PhilipsPanHeadMachineScrew	1
12	100221414-58-A_ModifiedPNVicor_30270	ModifiedFromVicorPN30270	1
13	92510A420	#4x0.125x0.250OD_AlumUnthreadedSpacer	9
14	92844A121	#4_316_FlatWasherNarrow	18
15	91108A110	#4_316_InternalToothLockWasher	27
16	91735A104	#4-40x0.375_316_PanHeadPhilipsMachineScrew	15
17	100221414-47-B_ThermalPad_4mmx42x24	Thermal pad cut from DigikeyPN_1168-2209-ND	1
18	VicorMicroModule	SEE ELECTRICAL DESIGN	1
19	VicorMicroRAM	SEE ELECTRICAL DESIGN	1
20	Vicor_18158_Standoff	Vicor_18158_Standoff	6
21	Vicor_18154_Standoff	Vicor_18154_Standoff	6
22	Vicor_20265_ThermatePad	Vicor_20265_ThermatePad	1
23	91735A102	#4-40x0.250_316_PanHeadPhilipsMachineScrew	12

Shop / Q.C.		BILL OF MATERIALS UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS		DATE	
Inspector		1 PLACE DIM ±.016	2 PLACE DIM ±.005	3 PLACE DIM ±.005	ANGLE ±°	DRAWN MRC	01/18/2021
Shop Foreman		1. DIMENSIONS ARE IN INCHES. 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILED RADI .015-.020. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER MARK R. CHAFFEY (831) 775-1708 mrc@mbari.org	MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 PH: (831) 775-1700
Engineer						PROJECT No. 902001	4K CAMERA CHASSIS TOP PLATE ASSEMBLY
NEXT ASSY Description	NEXT ASSY Number					PROJECT Name 4K ROV CAMERA	SIZE C
APPLICATION		DO NOT SCALE DRAWING		WEIGHT		DWG. NO. 100221414-10-A-ASM	REV. A
						SCALE	CAD FILE:
						SHEET 1 OF 1	

