	8 7 6		5	4	3
	FLIR PCB	Assembly Notes			
	The following assembly notes shall serve contained in other files, ODB++ or Gerbe		anufacture of this PCB		
	Product material and assembly process to be RoHS 2 and REACH-181 c use of Certain Hazardous Substances in Electrical and Electronic Equipr 1907/2006, per the list of 181 SV	ment 2011/65/EU, as well as F	REACH restrictions consistent with		
	1. ALL IPC SPECIFIC	ATIONS TO BE PER CLASS	2		
	2. PRIOR TO ASSEMBLY, ASSEMBLER TO VERIFY BARE BO	OARDS WERE BUILT PER IP	C-6012 AND INSPECTED PER IF	PC-A-600	
	3. IF ASSEMBLER IS ALSO CONTRACTED TO PROVIDE FABRI FOOTPRINTS IN GERBER DATA CONFORM TO IPC-7351				
	4. PCBA TO BE MANUFACTURED TO IPC-610 WORKM WITH IPC-J-STD-001D. SOLDER JOINTS TO MEE			CE	ELECTROS
	5. PCBA SOLDER ALLOY AND SOLDER PROCESS	SES TO BE FULLY ROHS CC	MPLIANT PER IPC-J-STD-006.		
	6. PCBA SOLDER PASTE TO BE ROHS COMF	PLIANT AND MEET IPC-HDB	K-005 AND IPC-J-STD-005		
	7. PCBA SOLDER FLUXES TO BE R	OHS COMPLIANT AND MEE	T IPC-J-STD-004		
	8. SOLDER REFLOW PROFILES TO BE DESIGN TEMPERATURE LIMITS OF 370HR OR EQUIVA APPROPRIATE USE SOLDEF	ALENT MATERIAL. UNLESS	OTHERWISE INDICATED OR		PCB BR BREAKAWAY LOCATIO MOUSEBITE/V-SCORE LOCATED
	9. PCBA IS STATIC SENSITIVE ASSEMBLY, STAT ASSEMB	TIC ELIMINATING PROCESS BLY AND HANDLING	ES TO BE UTILIZED DURING		MOUSEBITES -
	10. PCBA DELIVERABLE TO BE FULLY ROHS COMPAT	TIBLE AND TO BE MARKED	TO INDICATE ROHS COMPLIANC	CE.	OR V-SCORE
	11 . REFER TO ACCOMPANYING BOM FOR PA INTENTIC	ARTS NOT DESCRIBED IN TH DNALLY UNINSTALLED	HIS DOCUMENT OR PARTS		PCB EDGE
	12 . COMPONENT PINS 1 IDENTIFIED BY	CIRCLE, BEVEL, TRIANGLE	, OR RECESSED LINE		
	13 . TEST POINTS AND OTHER ELECTRICAL OR ME RESIDUE,	ECHANICAL CONTACT INTE AND CONTAMINATION	RFACES TO BE FREE OF FLUX,		
	14 . UNLESS OTHERWISE DIRECTED, AFFIX LAE MARKINGS TO	BEL IN AREA ADEQUATE FO INCLUDE THE FOLLOWING			
	A. FLIR PART	NUMBER AND REVISION			
	B. MANUFACTURIN	NG LOT AND SERIAL NUMBE	ER		
	C.	. DATE CODE			_
	D. TEST-	-PASS INSPECTION			T
	15 . TRIM COMPONENT LEADS WITHIN .062" O	OF PCB FROM SOLDER SIDE	E OF PCBA IF APPLICABLE.		ti
16	6. FINISHED PCB PERIMETER TO BE FREE OF ALL BURRS, PITS, M TOLERANCE .127 [.005]. FAILURE TO MEET			LINE DIMENSIONS	
	17. FINISHED ASSEMBLY PCBS MUST BE INDIVIDUALLY BAGGE	D IN ANTI-STATIC BAGS OF	R STATIC DISSIPATIVE ESD SHIE	ELDING BAGS	
	"F	PROPRIETARY	- FLIR Systems Inc	."	AF

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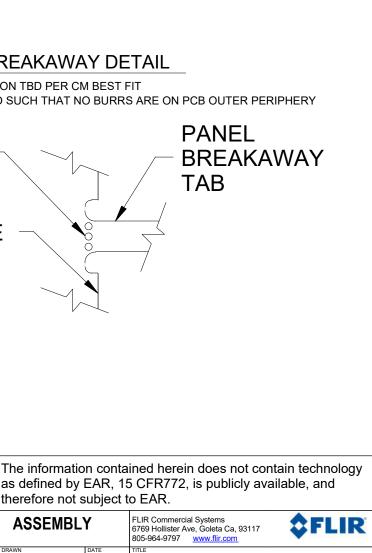
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REVISIONS					
REV	DESCRIPTION	DATE	ECN#		
120	Signal table added and Pin numbering	11/21/2018	205022		

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ICAUTION!



ASSEMBL	Y	FLIR Commercial Systems 6769 Hollister Ave, Goleta Ca, 93117 805-964-9797 www.flir.com			
T.S. BUTTNER	DATE 10/9/2018	TITLE	Lepton Bre	akout	
ENGINEER	DATE	1		ακυμί	
M.BROWN	10/9/2018				
CHECKED	DATE				
APPROVED	DATE	CAGE CODE	DWG NO		REV
ISSUED	DATE	4	250-0577-05		120
		SCALE N/A		SHEET 1	OF 3
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## **Top-side View**

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J2 Installed on far side.

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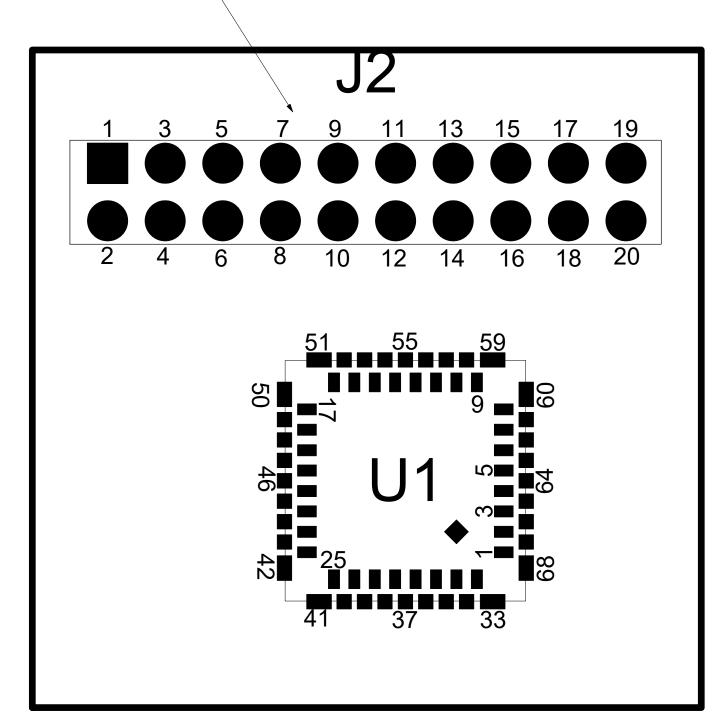
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Please see sheet 4 of 4

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	Net Name	Net Pins
		J2.1 J2.19 U1.1 U1.6 U1.8 U1.9 U1.10
		U1.34 U1.35 U1.36 U1.37 U1.38 U1.39
		U1.47 U1.48 U1.49 U1.50 U1.51 U1.52
		U1.60 U1.61 U1.62 U1.63 U1.64 U1.65
	GND	U4.8 Y1.2
	GPIO0	J2.11 U1.5
	GPIO1	J2.14 U1.4
	GPIO2	J2.13 U1.3
	GPIO3	J2.15 U1.2
	MASTER_CLK	J2.18 U1.26
	PW_DWN_L	J2.20 U1.23
	RESET_L	J2.17 U1.24
	SCL	J2.8 U1.21
	SDA	J2.5 U1.22
	SPI_CLK	J2.7 U1.13
	SPI_CS	J2.10 U1.14
1	SPI_MISO	J2.12 U1.12
	SPI_MOSI	J2.9 U1.11
Ì	VCC12	J2.16 U1.7
	VCC28	J2.4 U1.19
	VCC28_10	J2.6 U1.16
	VPROG	J2 3 U1 17

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0 01.15 01.18 01.20 01.25 01.27 01.30 01.33		
9 U1.40 U1.41 U1.42 U1.43 U1.44 U1.45 U1.46		
2 U1.53 U1.54 U1.55 U1.56 U1.57 U1.58 U1.59		
5 U1.66 U1.67 U1.68 U2.2 U3.2 U4.5 U4.6 U4.7		
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The information contained herein does not contain technology as defined by EAR, 15 CFR772, is publicly available, and therefore not subject to EAR.

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	APLID	CAGE CODE		DWG NO		REV	
	<b>FLIR</b>			250-0577-25		120	
					SHEET 2 OF 4		

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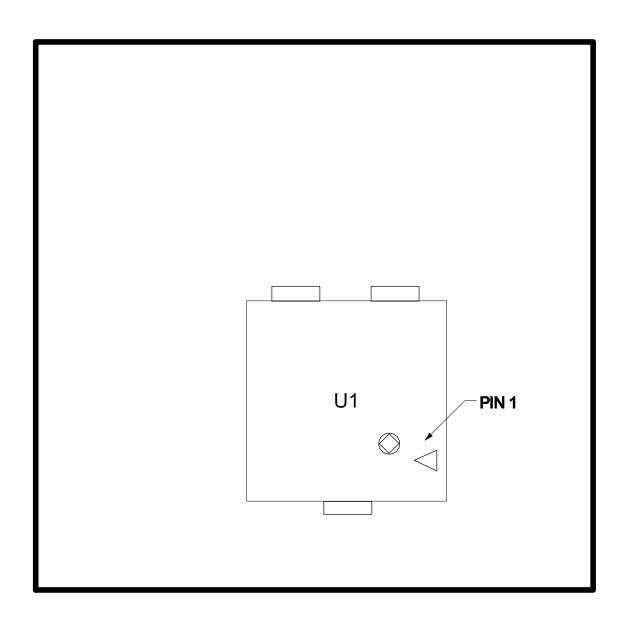
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"PROPRIETARY - FLIR Systems Inc."

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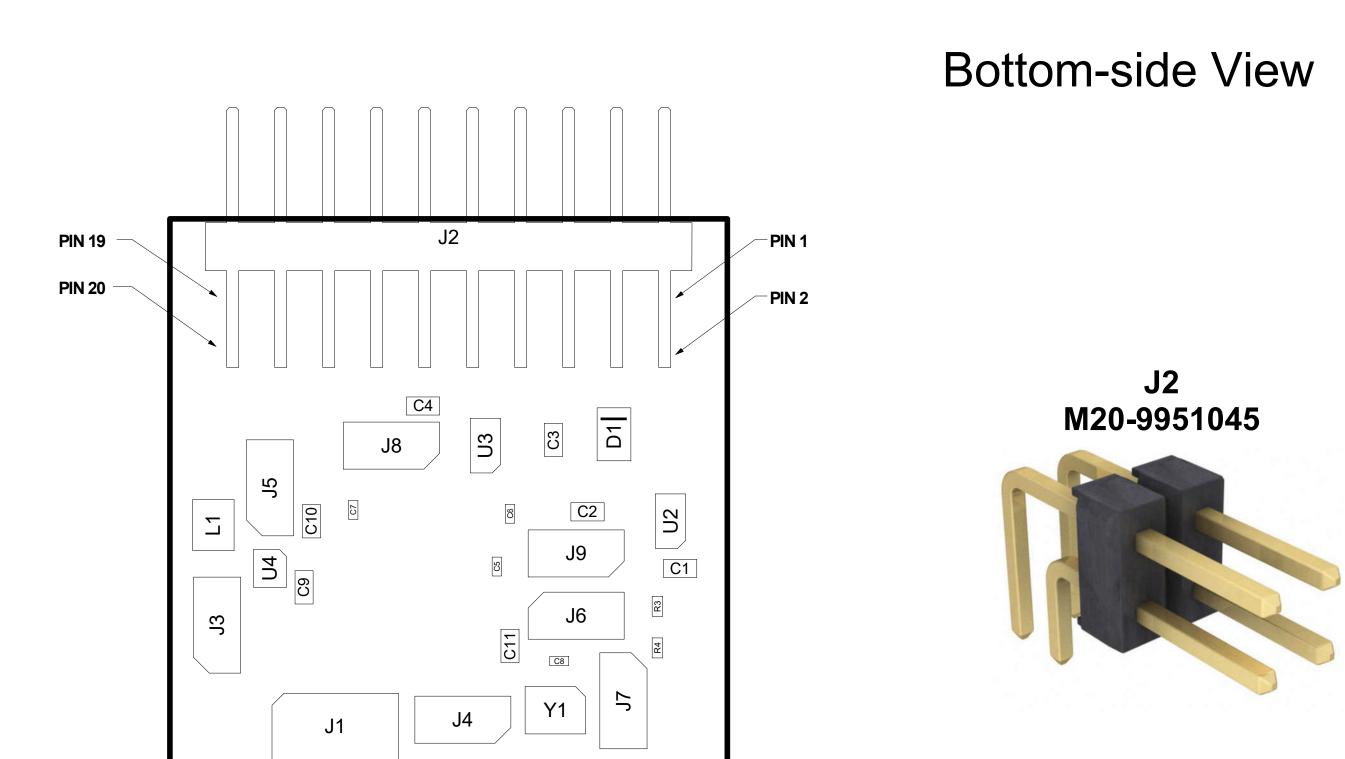
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APLID	CAGE CODE		DWG NO		REV
<b>FLIR</b>			250-0577-25		120
				SHEET 3 OF 4	
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	CAGE CODE	DWG NO		REV
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