

5	6	7	8
DESCRIPTION	APPROVED	DATE	REV. CHANGE ORDER
NEW DOCUMENT	KEDEM S.	24/06/2004	A

GENERAL NOTES:

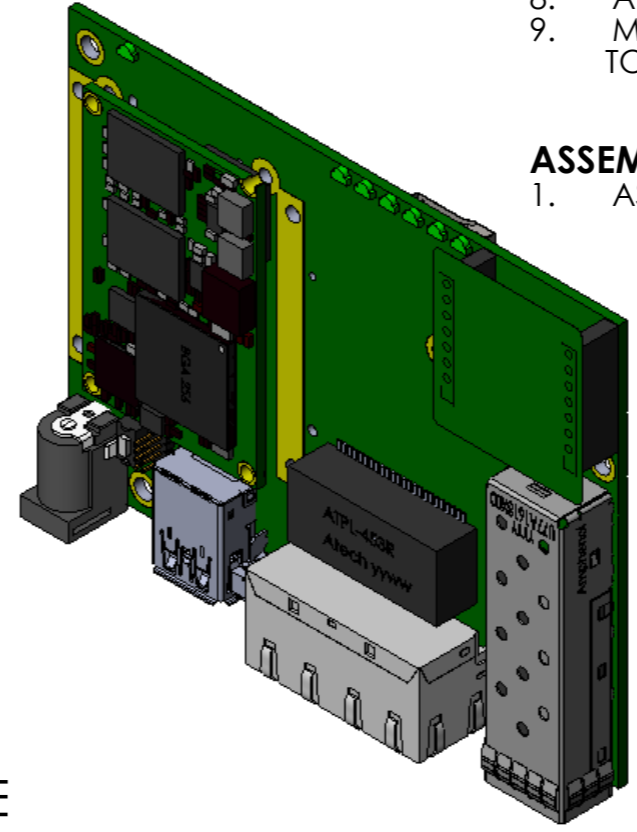
- COMPONENT SIDE:
 - MAX. COMPONENT HEIGHT: 10.0mm OTHER THAN SPECIFIED
- PRINT SIDE:
 - MAX. COMPONENT HEIGHT: 5mm OTHER THAN SPECIFIED

PCB PRODUCTION:

- MATERIAL: FR4, BOARD THICKNESS 1.6mm. FLAME RESISTANT PER UL94-V0
- THE PCB SHOULD BE RoHS COMPLIANT, ALL THE SOLDER PADS SHOULD BE GOLD PLATED (NICKEL /IMMERSION GOLD).
- UNLESS OTHERWISE SPECIFIED, REFERENCE IPC-A-600H ACCEPTABILITY SPECIFICATIONS
- GLOSSY WHITE SHALL BE USED FOR SILK PRINT
- UNLESS OTHERWISE SPECIFIED LINE REDUCTION DUE TO VOIDES, SCREATCHES, NICKS, AND/OR SHRINKAGE SHALL NOT EXCEED 20% OF CONDUCTOR WIDTH.
- UL FLAMMABILITY RATING SHOULD BE SILK PRINTED ON EITHER THE COMPONENT OR PRINT SIDE.
- ALL THE HOLE DIMENSIONS GIVEN BELOW ARE DIMENSIONS AFTER PLATING.
- APPLY GREEN. SOLDERMASK ON BOTH SIDES OF THE BOARD.
- MECHANICAL HOLES, MARKEN "M" SHOULD BE CONNECTED TO THE SHIELD LAYER

ASSEMBLY INSTRUCTIONS:

- ASSEMBLY MUST CONFORM WITH IPC-610 CLASS II

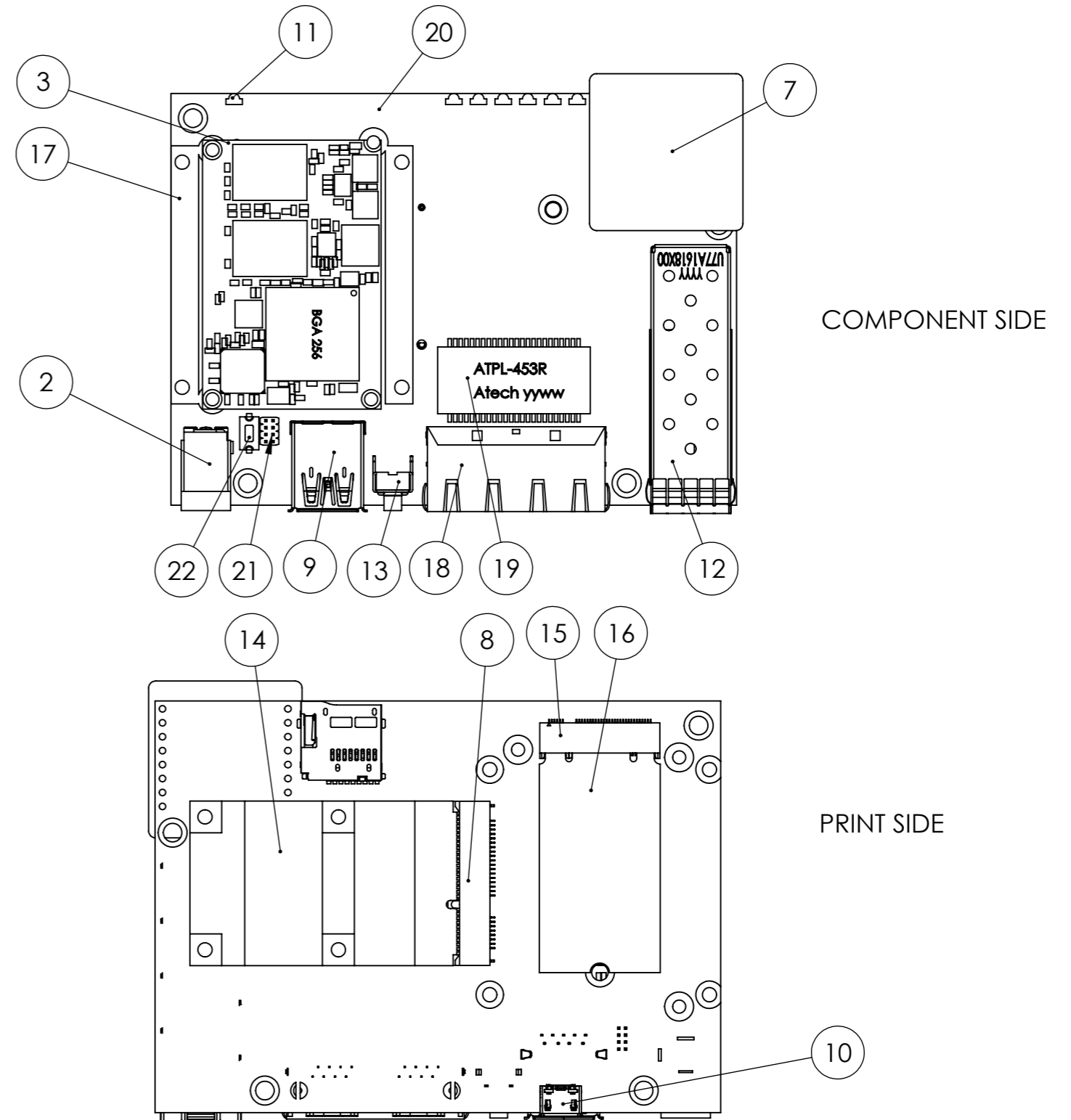


PRINT SIDE

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DESIGNER	NAME	DATE	SCALE	SURFACE ROUGHNESS	CUSTOMER	PROJECT
DRAWING	Avi Levy	17-Aug-16	1:1		SolidRun	CLEARFOG BASIC
APPROVAL	Avi Levy	17-Aug-16			NAME: CLEARFOG BASIC BOARD ASSY	
TOL. NOT SPECIFIED ± 0.5 mm ANGLES NOT SPECIFIED ±0.5° REMOVE ALL SHARPE EDGES. MATERIAL: FINISH:					DRAWING NO. Clearfog Basic_Rev.2.1 board Assy	
PROPERTY OF KORAT ENGINEERING					REV. A	DRAWING SIZE A3
ALL DIMENSIONS ARE IN MILLIMETERS					SHEET 1 OF 2	

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	raspberry_pi_B+_(slot)		1
2	DC Jack Horizontal_Kycon KLDHCX-0202-A-LT_rA3		1
3	A38XuSoM-rev2.0		1
4	DF40C-80DP		2
5	User Library-TQFN56		1
6	User Library-BGA 256 17x17mm 1mm pitch	BGA 256 17x17mm 1mm pitch	1
7	Mikro BUS		1
8	Mini PCI-E Right Angle_TE 2041119-1		1
9	USB3 Type A_Antenk- U3AFR01		1
10	Micro USB_FCI- 10103594		1
11	LED Right Angle_Everlight 020- 12-21-SDRC-S530-xx- TR8		7
12	Amphenol_M-U77- A16X8-X001-REVT1		1
13	Wellbuying_1102H		1
14	mSATA		1
15	M.2 Connector Key B_TE c-2199230-3-b1- 3d		1
16	M.2 22x40 SSD		1
17	Heat Sink-15mm		1
18	Dual RJ45		1
19	Magnetics 2 port_Aoem ATPL- 453R		1
20	Clearfog Board_Rev.2.1		1
21	Pin Header 8pos TH Vertical Pitch 1.27mm_WE 62200821121		1
22	Vertical Tack Switch_Diptronics DTSM-31		1



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SHEET 2 OF 2