

**Bill of Materials Report**

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**Root Item:** 6000140**Name:** Heat sensor**Major Revision:** 01**Minor Revision:** 01**State:** Preliminary**Released For:** Concept

BOM Level	Part Number	Name	Qty	IQC	Designator	Rev	Minor Rev	State	Package	Alternates	Substitutes	AML Status	Mfr.	Mfr. Part
0	6000140	Heat sensor	1			01	01	Preliminary	DCC6C			Preliminary	Panasonic	6000140_1
												Preliminary	AVX	6000140_2
1	6000141	Batteries-001	1	Yes		01	01	Preliminary						
2	6000145	Holders	1			01	01	Preliminary						
2	6000146	Carbon taps	1			01	01	Preliminary						
2	6000147	Lithium coated copper	1			01	01	Preliminary						
3	6000148	Black carbon	1			01	01	Preliminary						
3	6000149	Cover plate	1			01	01	Preliminary	AVX 9176-500	6000176	6000177	Preliminary	autronic	6000149_1
												Preliminary	Kemet	6000149_2
3	6000150	Coated Component	1		Design Module	01	01	Preliminary	D10.0 H10.5		6000023, 6000149	Preliminary	Citizen	6000159_1
1	6000142	Protection device	1	Yes		01	01	Preliminary						
2	6000151	Protection Cap	1			01	01	Preliminary						
2	6000152	PCBA Single side	1			01	01	Preliminary						
2	6000153	Catalogue part	1			01	01	Preliminary						
3	6000154	Catalogue part bolt	1			01	01	Preliminary						

3	6000155	Catalogue part Nuts	1		Board MCB	01	01	Preliminary		6000030		Preliminary	Murata	6000155_1
3	6000156	Catalogue part screws	1			01	01	Preliminary						
3	6000157	Catalogue part seals	1		PCB	01	01	Preliminary	PWP	002002		Preliminary	ADKOM	6000157_1
3	6000158	Catalogue part springs	1			01	01	Preliminary						
1	6000143	Semiconductors	1	Yes		01	01	Preliminary						
2	6000159	Active filters	1		circuit design	01	01	Preliminary			6000046	Preliminary	Citizen	6000159_1
3	6000162	Bags packaging	1			01	01	Preliminary						
4	6000165	Copper cable	1			01	01	Preliminary						
4	6000166	Coaxial Cables	1			01	01	Preliminary						
4	6000167	Multipair Cables	1			01	01	Preliminary						
5	6000168	Ribbon cables	1			01	01	Preliminary						
3	6000163	Bubble wrapper	1			01	01	Preliminary						
3	6000164	Separators	1			01	01	Preliminary						
2	6000160	Memory units	1		circuit design	01	01	Preliminary			6000142	Preliminary	AVX	6000160_1
2	6000161	Telecom ICE	1		circuit design	01	01	Preliminary						
1	6000144	Connectors device	1	Yes		01	01	Preliminary	P-LCC-2	6000053		Preliminary	Citizen	6000159_1
2	6000169	Relays	1			01	01	Preliminary						
2	6000170	Switches	1		circuit design	01	01	Preliminary		6000020	6000022	Preliminary	Citizen	6000172_1
2	6000171	Top level assembly	1			01	01	Preliminary						
3	6000173	Trigger Devices	1			01	01	Preliminary						
4	6000174	Transistors	1			01	01	Preliminary						
4	6000175	Programmable Logic ICs	1			01	01	Preliminary						
2	6000172	Micro-Processor	1			01	01	Preliminary		6000029		Preliminary	Citizen	6000172_1

## Specifications

Part Number	Document Number	Revision	Document Name	Description	File Name	State
6000149	CAD-00000004	05	6000149_CAD_Design	CAD Document of part 6000149		Released
6000149	100001	02	Cover plate Document	Cover plate dimension	Cover plate.docx	Preliminary
6000144	CAD-00000091	01	Connector CAD Design	Connector CAD Design		Preliminary
6000144	100091	05	Connector Device	Connector Device description	connector.pdf	Preliminary
6000172	100010	03	Micro-Processor	Micro-Processor description	Micro_Processor_Guide.docx	Preliminary
6000172	100234	01	Processor Design	Processor Design with circuit graph	Processor Design.docx	Preliminary

## Substitute Parts (Sub.Pt.)

Part Number	Sub.Pt. Number	Sub.Pt. Name	Sub.Pt. Rev	Sub. Pt. Minor-Rev	Sub.Pt. State	AML Status	Mfr.	Mfr. Part
6000149	6000177	Copper plate	01	01	Preliminary			
6000150	6000023	Connected Component	01	01	Preliminary	Preliminary	Chilisin	6000023_1
6000150	6000149	Cover plate	01	01	Preliminary	Preliminary	autronic	6000149_1
						Preliminary	Kemet	6000149_2
6000159	6000046	E-SpareRibs	04	04	Released			
6000160	6000142	Protection device	01	01	Preliminary			
6000170	6000022	relay switch	03	03	Preliminary			

## Alternate Parts (Alt.Pt.)

Part Number	Alt.Pt. Number	Alt.Pt. Name	Alt.Pt. Rev	Alt. Pt. Minor-Rev	Alt.Pt. State	AML Status	Mfr.	Mfr. Part
6000149	6000176	Aluminium coating	01	01	Preliminary			
6000155	6000030	Nuts	01	01	Preliminary			
6000157	002002	Dial	02	01	Preliminary			

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6000144	6000053	Inductor Connector	01	01	Preliminary			
6000170	6000020	Switch function	01	01	Preliminary			
6000172	6000029	Tensor Bolts	02	01	Preliminary	Preliminary	DMB T	6000029_1