





# Bill Of Material

Part Name : Instrument Cluster  
Customer : AHM, HTI  
Model : K2SA  
Revision Status : PP Event

Plant Code : AVI  
Date : November 12th, 2021  
Revision No : 3.1  
Ref. Docs. : K2SA Consolidated BOM -F-1595 ver4.0 - 20211028.xlsx

Prepared by, 	Prepared by, 	Checked by, 	Approved by, 
Mechanical Engineer	Electrical Engineer	Dept Head App Engineer	Director

Line No.	Level					Part Number	Description	BAAN Part Number	Costumer Part Number	Costumer Part Name	Part type	Level	Qty TI		Qty Maxim		Unit	Supplier	Spec	Mass (gr)	CN#	Note					
	Max=4	0	1	2	3								4	Max=22	Max=30	Max=17							Max=2	STD (N0)	ABS (N1)	STD (N0)	ABS (N1)
1	X						37100-K2S -N010-M1	METER ASSY COMB	-		make	0	1	0	1	0	Unit	AVI	AHM, K2SA, SMART, ISS, BATT, ALARM, Non-ABS, IND, Certification Number D1K2SNDA	315	K2SA-F-1595	Change PIN due to updated customer drawing for MP					
2	X						37100-K2S -N110-M1	METER ASSY COMB	-		make	0	0	1	0	1	Unit	AVI	AHM, K2SA, SMART, ISS, BATT, ALARM, ABS, IND, Certification Number D1K2SN1A	315	K2SA-F-1595	Change PIN due to updated customer drawing for MP					
3		X					VPNHFF-10849-AD	CLUS ASY INSTR - STD - AVI	FSNHPP010849-ADOM	37100-K2S -N010-M1	METER ASSY , COMB	make	1	1	0	0	0	Unit	AVI	SMART, ISS, BATT, ALARM, IND, Non-ABS , TI PWBA	315	CN00126411	Upsuffix due to added new PWBA				
4	X						VPNHFF-10849-BD	CLUS ASY INSTR - ABS- AVI	FSNHPP010849-BDOM	37100-K2S -N110-M1	METER ASSY , COMB	make	1	0	1	0	0	Unit	AVI	SMART, ISS, BATT, ALARM, IND, ABS , TI PWBA	315	CN00126411	Upsuffix due to added new PWBA				
5	X						VPNHFF-10849-AD	CLUS ASY INSTR - STD - AVI	FSNHPP010849-AD1M	37100-K2S -N010-M1	METER ASSY , COMB	make	1	0	0	1	0	Unit	AVI	SMART, ISS, BATT, ALARM, IND, Non-ABS , Maxim PWBA	315	CN00126411	New suffix due to added new PWBA				
6	X						VPNHFF-10849-BD	CLUS ASY INSTR - ABS- AVI	FSNHPP010849-BD1M	37100-K2S -N110-M1	METER ASSY , COMB	make	1	0	0	0	1	Unit	AVI	SMART, ISS, BATT, ALARM, IND, ABS , Maxim PWBA	315	CN00126411	New suffix due to added new PWBA				
7		X					VPDZ4F-19G406-AA	SCREW TAPPING 3X14	CMDZ4F19G406-AA00	90314-KVS -F220-M2	SCREW TAPPING M3X14	buy	2	10	10	10	10	pc(s)	Nitto Alam	SMART, ISS, BATT, ALARM, IND, Non-ABS							
8		X					VPNHFF-10C845-AB	LNS ASY-ICLUS - AVI	FPNHPP10C845-AB0R	37212-K2S -N010-M1	LENS ASSY	make	2	1	1	1	1	pc(s)	AVI	SMART, ISS, BATT, ALARM, IND, Non-ABS	66	CN00123813	Change customer PIN due to updated drawing				
9			X				VPNHFF-10B885-AB	LNS-ICLUS MN	CMNHPP10B885-AB00		buy	3	1	1	1	1	1	pc(s)	ASKI	SMART, ISS, BATT, ALARM, IND, Non-ABS	66	CN00123813	Upsuffix due to updated lens thickness from 3mm to 2mm				
10			X				VP9BQF-19D543-AA	ANTI FOG COATING MATERIAL	-		buy	3	0.325	0.325	0.325	0.325	ml	Yamamitsu Oil	SMART, ISS, BATT, ALARM, IND, Non-ABS			Update qty					
11		X					AVI-0000014	AQUA DISTILLATED WATER	-		buy	3	0.975	0.975	0.975	0.975	ml	Cap Singa Jakarta				Update qty					
12				X			VPNHFF-17A381-AB	KB-ODOM RST CONTR-SEL	CMNHPP17A381-AB00		buy	3	1	1	1	1	1	pc(s)	KPS	EPDM, Black, 50 +/-5 RHOD 31 x 16.6 x 11.2 mm, Flange + Undercut Sealing	2.5	CN00126170	Update CN number due to drawing updated				
13			X				VPNHFF-17A381-BB	KB-ODOM RST CONTR-SET	CMNHPP17A381-BB00		buy	3	1	1	1	1	1	pc(s)	KPS	EPDM, Black, 50 +/-5 RHOD 31 x 16.6 x 11.2 mm, Flange + Undercut Sealing	2.5	CN00126170	Update CN number due to drawing updated				
14				X			00363670-010000	CEMEDINE SUPER X 8008			buy	3	0.96	0.96	0.96	0.96	ml	Kyoei Denki Trading	Glue CEMEDINE SUPER X - NO. 8008			Change unit align with packaging condition					
15		X					VPJHPF-10A894-BC	CVR ASY-ICLUS OPG	FPJHPF10A894-BC0R	37213-K2S -N010-M1	CASE ASSY	make	2	1	1	1	1	pc(s)	AVI	Rear Cover, vent filter, gasket, K59J		CN00117904	Change customer PIN due to updated drawing				
16		X					VPJHPF-10A855-BC	CVR-ICLUS HSG	CMJHPF10A855-BC01	37100-K59 -A700-24	CASE LOWER	buy	3	1	1	1	1	1	pc(s)	ASKI	PP-T30, BLACK, IAG20T GSC, 306.5x153.6x27mm	84.5	CN00117409	Change BAAN PIN to differentiate with K59 (add ribs)			
17			X				VPNHFF-18B968-AD	LBL-RADO RECV IDENT	-		ref	3	1	0	1	0	pc(s)	Theia Digilab	15X60 mm, Cert. No. D1K2SNDA, Cust. PIN: 37100-K2S -N010-M1, Visteon PIN: VPNHFF-10849-AD, Destination: N0, QR Code, S/N K2SAN01XXXX			Upsuffix due to updated cluster assy					
18			X				VPNHFF-18B968-BD	LBL-RADO RECV IDENT	-		ref	3	0	1	0	1	pc(s)	Theia Digilab	15X60 mm, Cert. No. D1K2SN1A, Cust. PIN: 37100-K2S -N110-M1, Visteon PIN: VPNHFF-10849-BD, Destination: N1, QR Code, S/N K2SAN11XXXX			Update spec due to typing correction					
19				X			VPNHFF-18B968-AD1	LBL-RADO RECV IDENT	-		ref	3	1	0	1	0	pc(s)	Theia Digilab	15X60 mm, Cert. No. D1K2SNDA, Cust. PIN: 37100-K2S -N010-M1, Visteon PIN: VPNHFF-10849-AD, Destination: N0, QR Code, S/N K2SAN0XXXX			Upsuffix due to updated cluster assy					
20			X				VPNHFF-18B968-BD1	LBL-RADO RECV IDENT	-		ref	3	0	1	0	1	pc(s)	Theia Digilab	15X60 mm, Cert. No. D1K2SN1A, Cust. PIN: 37100-K2S -N110-M1, Visteon PIN: VPNHFF-10849-BD, Destination: N1, QR Code, S/N K2SAN1MXXXX			Update spec due to typing correction					
21				X			VPEBQF-19N551-AB	FLTR-VEN AIR	CMEBQF19N551-AB00		buy	3	4	4	4	4	4	pc(s)	Flexi Component	Ambic Himelcon, di=6, do=10, adhesive nitto 5015,							
22				X			VPJHPF-10A849-AB	GSKT-ICLUS	CMJHPF10A849-AB00	37202-K59 -A710-M1	PACKING	buy	3	1	1	1	1	1	pc(s)	KPS	EPDM SPONGE, di=3.25mm I=403mm						
23		X					VPNHFF-10B895-AD	DI ASY-ICLUS MN - STD - AVI	FPNHPP10B895-AD0R	37210-K2S -N010-M1	METER COMP	make	2	1	0	0	0	pc(s)	AVI	K2SA, SMART, ISS, BATT, ALARM, Non-ABS, IND.		CN00126411	Upsuffix due to added new PWBA				
24		X					VPNHFF-10B895-BD	DI ASY-ICLUS MN - ABS - AVI	FPNHPP10B895-BD0R	37210-K2S -N110-M1	METER COMP	make	2	0	1	0	0	pc(s)	AVI	K2SA, SMART, ISS, BATT, ALARM, ABS, IND.		CN00126411	Upsuffix due to added new PWBA				
25	X						VPNHFF-10B895-AD	DI ASY-ICLUS MN - STD - AVI	FPNHPP10B895-AD1R	37210-K2S -N010-M1	METER COMP	make	2	0	0	1	0	pc(s)	AVI	K2SA, SMART, ISS, BATT, ALARM, Non-ABS, IND.		CN00126411	New suffix due to added new PWBA				
26		X					VPNHFF-10B895-BD	DI ASY-ICLUS MN - ABS - AVI	FPNHPP10B895-BD1R	37210-K2S -N110-M1	METER COMP	make	2	0	0	0	1	pc(s)	AVI	K2SA, SMART, ISS, BATT, ALARM, ABS, IND.		CN00126411	New suffix due to added new PWBA				
27			X				VPNHFF-10E865-AB	DI & APLO ASY	CMNHPP10E865-AB00		buy	3	1	0	1	0	pc(s)	Fuji Name	PC SHEET-1mm thk 6 layer assy with EPDM BLACK 1.2 x 2 x 21mm, SMART, ISS, BATT, ALARM, 4pcs cushion EPDM rubber		CN00123813	Change part number due to Hair Line Graphics updated					
28				X			VPNHFF-10E865-BB	DI & APLO ASY	CMNHPP10E865-BB00		buy	3	0	1	0	1	pc(s)	Fuji Name	PC SHEET-1mm thk 6 layer assy, SMART, ISS, BATT, ALARM		CN00123813	Change part number due to Hair Line Graphics updated					
29				X			VPNHFF-10E853-AB	APLO-ICLUS DI	CMNHPP10E853-AB00	37201-K2S -N010-M1	DIAL DESIGN	ref	4	1	0	1	0	pc(s)	Fuji Name	PC SHEET-1mm thk 6 layer assy, SMART, ISS, BATT, ALARM		CN00123813	Update part type as reference due to avoid misunderstanding				
30				X			VPNHFF-10E853-BB	APLO-ICLUS DI	CMNHPP10E853-BB00	37201-K2S -N110-M1	DIAL DESIGN	ref	4	0	1	0	1	pc(s)	Fuji Name	PC SHEET-1mm thk 6 layer assy, SMART, ISS, BATT, ALARM, ABS		CN00123813	Update part type as reference due to avoid misunderstanding				
31			X				VPDZXF-10B86-AA	CUSHION			ref	4	4	4	4	4	4	pc(s)	Foamtec	EPDM BLACK 1.2 x 2 x 21mm		CN00123813	Add as reference due to avoid misunderstanding				
32				X			VPJHPF-10D922-AA	DSPLY ASY-ELETR INSTR IND	CMJHPF10D922-AA00	37100-K59 -A700-21	LCD ASSY	buy	3	1	1	1	1	1	pc(s)	RCL Display	TN Negative, 36pin, Glass 106.2 x 33.1 x 2.7mm thk						
33			X				VPJHPF-19A023-AC	FLTR RADO RECVR DI LT	CMJHPF19A023-AC00		buy	3	1	1	1	1	1	1	pc(s)	Fuji Name	PC SHEET, 3 layer 114.2 x 33.5 x 0.5mm thk						
34		X					VPNHFF-10B978-AB	PLT-ICLUS IND MTNG - AVI	CMNHPP10B978-AB00		buy	3	1	1	1	1	1	1	pc(s)	ASKI	PP T40 - WHITE CJ930E GSC, 146.9 x 83.7 x 29.3 mm	61	CN00123813	Upsuffix due to added K2S engraving			
35	X						VPJHPF-17C265-AB	RET-ODOM RST CONTR KB	CMJHPF17C265-AB00	37203-K59-A710-M1	TRIP ROD	buy	3	2	2	2	2	2	pc(s)	ASKI	PP-T30, BLACK, IAG20T GSC, Ø3.9 x 22.9 mm	0.2		Change level and position refer to customer drawing			
36		X					VPNHFF-15K520-AC	ENHANCED BOARD ASSY- STD	SSNHPP15K520-ACOM		make	3	1	0	0	0	0	pc(s)	-	BD Asy, Non-ABS, SW 02 03		CN00126321	Upsuffix due to gerber change for LCD connector shifting				
37		X					VPNHFF-15K520-BC	ENHANCED BOARD ASSY- ABS	SSNHPP15K520-BCOM		make	3	0	1	0	0	0	pc(s)	-	BD Asy, ABS, SW 02 03		CN00126321	Upsuffix due to gerber change for LCD connector shifting				
38		X					VPNHFF-15K520-JA	ENHANCED BOARD ASSY- STD	SSNHPP15K520-JAOM		make	3	0	0	1	0	0	pc(s)	-	BD Asy, Non-ABS, SW 02 03		CN00126411	New Suffix due to implementation Maxim IC				
39			X				VPNHFF-15K520-KA	ENHANCED BOARD ASSY- ABS	SSNHPP15K520-KAOM		make	3	0	0	0	1	0	pc(s)	-	BD Asy, ABS, SW 02 03		CN00126411	New Suffix due to implementation Maxim IC				
40	X						VENHFF-10B49-AA	K2SA ES/TCS			ref	2	1	1	1	1	1	1	pc(s)					Added due to updated bom			





NOTE : ALL Revision Change due to Visteon Change will refer to Change Number (CN Number)  
○ : change



Part Name : PWBA  
Customer : AHM, HTI  
Model : K2SA  
Revision Status : **PP Event**

## Bill Of Material

Plant Code : AVI  
Date : **November 12th, 2021**  
Revision No : **3.1**  
Ref. Docs. : **K2SA Consolidated BOM -P-1595 ver4.0 - 20211028.xlsx**

Prepared by,	Prepared by,	Checked by,	Approved by,
			
Zharfan Firas Mechanical Engineer	Bimo Prakoso Electrical Engineer	M. S. Syahied Fauzy Dept Head App Engineer	Ian Alansyah Director

Line No.	Level					Part Number	BAAN Part Number	Description	Part Type	Level	Qty (TI IC)		Qty (Maxim IC)		Unit	Spec	Packing	Maker	MPN	C#/#	Change Descriptions	
	0	1	2	3	4						5	STD (NO)	ABS (N1)	STD (NO)								ABS (N1)
1			X			VPNHPP-15K520-AC	SSNHPP15K520-ACOM	ENHANCED BOARD ASSY- STD	make	3	1	0	0	0	pc					CN00126321	Up Suffix P/N	
2			X			VPNHPP-15K520-BC	SSNHPP15K520-BCOM	ENHANCED BOARD ASSY- ABS	make	3	0	1	0	0	pc					CN00126321	Up Suffix P/N	
3			X			VPNHPP-15K520-IA	SSNHPP15K520-IAOM	ENHANCED BOARD ASSY- STD	make	3	0	0	1	0	pc					CN00126411	New Suffix due to implementation Maxim IC	
4			X			VPNHPP-15K520-KA	SSNHPP15K520-KAOM	ENHANCED BOARD ASSY- ABS	make	3	0	0	0	1	pc					CN00126411	New Suffix due to implementation Maxim IC	
5			X			SWD10-28638-002		SYSTEM SOFTWARE VERSION	ref	4	Ref	Ref	Ref	Ref	Ref	02.03.01				CN00123813	Update SW version	
6			X			VPNHPP-14B115-AD	SSNHPP14B115-ADOM	BD ASY PRINT WIR / PWB Assembly - K2SA - STD	make	4	1	0	1	0	pc(s)					CN00126321	Upsuffix due to gerber change for LCD connector shifting	
7			X			VPNHPP-14B115-8D	SSNHPP14B115-8DOM	BD ASY PRINT WIR / PWB Assembly - K2SA - ABS	make	4	0	1	0	1	pc(s)					CN00126321	Upsuffix due to gerber change for LCD connector shifting	
8			X			VPNHPP-14B115-IAQM	SSNHPP14B115-IAQM	BD ASY PRINT WIR / PWB Assembly - K2SA - STD	make	4	0	0	1	0	pc(s)					CN00126411	New Suffix due to implementation Maxim IC	
9			X			VPNHPP-14B115-KA	SSNHPP14B115-KAOM	BD ASY PRINT WIR / PWB Assembly - K2SA - ABS	make	4	0	0	0	1	pc(s)					CN00126411	New Suffix due to implementation Maxim IC	
10			X			VPNHPP-14A608-AD	CMNHPP14A608-ADOM	BD-PRINTWIR	buy	5	1	1	1	0	pc	FR-4, Double layer , t=1.6, OSP, 194 x 250 mm		PWB26333	Kinvisp		Change qty due to implementation Maxim IC	
11			X			VPNHPP-14A608-BA	CMNHPP14A608-BADOM	BD-PRINTWIR	buy	5	0	0	0	1	1	pc	FR-4, Double layer , t=1.6, OSP, 194 x 250 mm		PWB26353	Kinvisp		New Component due to implementation Maxim IC
12			X			AVI-0001297	COIDMKLBW-0358	Label Blank (8x8)mm	buy	5	1.33	1.33	1.33	1.33	pc(s)							
13			X			AVI-0001378	COIDMKRIBFAC-1743	Ribbon Face Out	buy	5	16.5	16.5	16.5	16.5	mm							
14			X			AVI-0003157	COIDCHSOLID-1110	Solder Paste SAC 305 Indium 89 HFA	buy	5	0.0015	0.0015	0.0015	0.0015	kg							
15			X			AVI-0001265	COIDCHLEADBA-1108	Lead Free Bx 96.5 Sn/3 Ag/0.5 Cu	buy	5	0.0001995	0.0001995	0.0001995	0.0001995	kg							
16			X			AVI-0001272	COIDCHLFT10-0354	Flux Tamura EC-195-10	buy	5	0.03	0.03	0.03	0.03	ml							
17			X			AVI-0002101	COIDCHEMEDI-1109	Cermedine Super X No.8008	buy	5	0.0704	0.0704	0.0704	0.0704	ml							
18			X			AVI-0004789	COIDTOSHINET-2113	ROHS Conformal Coating Shimetsu KE-3423	buy	5	0.4	0.4	0.4	0.4	gram							
19			X			157F-18B921-VA	C1157F18B921-VA00	CONN-PJT - Pin Headers,6,Vertical,Surface Mount	buy	5	0	0	0	0	pc(s)							
20			X			P1000098FDZCAD	CEP1000098FD-ZCAD	RES-TF,0R,,155.0C,0603	buy	5	3	3	3	3	pc(s)						Remove 6 pin debugger	
21			X			P1000098FEZAC	CEP1000098FE-ZAAC	RES-TF,,155.0C,0805	buy	5	4	4	4	4	pc(s)							
22			X			P1000098FFZAAE	CEP1000098FF-ZAAE	RES-TF,,155.0C,1206	buy	5	3	3	3	3	pc(s)							
23			X			P1100158FEMAAC	CEP1100158FE-MAAC	RES-TF,10K,5%,125.0mW,200.0,155.0C,0805	buy	5	1	0	1	0	pc(s)						Add quantity due to EMC test result	
24			X			P1100238FENAC	CEP1100238FE-NAAC	RES-TF,100R,1%,125.0mW,100.0,155.0C,0805	buy	5	1	0	1	0	pc(s)							
25			X			P1100358FDMCAD	CEP1100358BFD-MCAD	RES-TF,1.0000K,5.0000%,100.000mW,200ppm/C,155.000C,0603	buy	5	9	6	9	6	pc(s)							
26			X			P1100358FNMIDAB	CEP1100358FNM-IDAB	RES-TF,1.0000K,5.0000%,250.000mW,200ppm/C,125.000C,0804-ARRAY	buy	5	9	9	9	9	pc(s)							
27			X			P1100458BFDMCAD	CEP1100458BFD-MCAD	RES-TF,10.0000K,5.0000%,100.000mW,200ppm/C,155.000C,0603	buy	5	4	4	4	4	pc(s)							
28			X			P1100478FETAC	CEP1100478FE-TAAC	RES-TF,10K,0.5%,125.0mW,50.0,125.0C,0805	buy	5	3	3	3	3	pc(s)							
29			X			P1100538FDMCAD	CEP1100538BFD-MCAD	RES-TF,100.000K,1.0000%,100.000mW,100ppm/C,155.000C,0603	buy	5	1	0	1	0	pc(s)							
30			X			P1120158BFMAAE	CEP1120158BF-MAAE	RES-TF,1.2K,5%,250.0mW,200.0,155.0C,1206	buy	5	12	15	12	15	pc(s)							
31			X			P1140138FDMCAD	CEP1140138BFD-MCAD	RES-TF,1.4K,1%,100.0mW,100.0,155.0C,0603	buy	5	1	0	1	0	pc(s)							
32			X			P1150138BFNAAE	CEP1150138BF-NAAE	RES-TF,1.5K,1%,250.0mW,100.0,155.0C,1206	buy	5	1	0	1	0	pc(s)							
33			X			P1150138BFNAAE	CEP1150138BF-NAAE	RES-TF,1.5K,1%,250.0mW,100.0,155.0C,1206	buy	5	16	16	16	16	pc(s)							
34			X			P1150138BFDMCAD	CEP1150138BFD-MCAD	RES-TF,1.5K,5%,100.0mW,200.0,155.0C,0603	buy	5	1	0	1	0	pc(s)							
35			X			P1150138BFMAAE	CEP1150138BF-MAAE	RES-TF,1.5K,5%,250.0mW,200.0,155.0C,1206	buy	5	2	2	2	2	pc(s)							
36			X			P1160138BFMAAE	CEP1160138BF-MAAE	RES-TF,1.6K,5%,250.0mW,200.0,155.0C,1206	buy	5	2	2	2	2	pc(s)							
37			X			P1180138BFMAAE	CEP1180138BF-MAAE	RES-TF,1.8K,5%,250.0mW,200.0,155.0C,1206	buy	5	2	2	2	2	pc(s)							
38			X			P1200138FDMCAD	CEP1200138BFD-MCAD	RES-TF,2K,1%,100.0mW,100.0,155.0C,0603	buy	5	1	0	1	0	pc(s)						New component due to EMC test result	
39			X			P1200138FDMCAD	CEP1200138BFD-MCAD	RES-TF,2K,5%,100.0mW,200.0,155.0C,0603	buy	5	1	0	1	0	pc(s)							
40			X			P1200478BFNAAC	CEP1200478BF-NAAC	RES-TF,20K,0.5%,125.0mW,100.0,125.0C,0805	buy	5	2	2	2	2	pc(s)							
41			X			P1210138BFMAAE	CEP1210138BF-MAAE	RES-TF,2.1000K,5.0000%,250.000mW,200ppm/C,155.000C,1206	buy	5	0	0	0	0	pc(s)						Change to P1210138FFNAAE due to NFND	
42			X			P1210138BFMAAE	CEP1210138BF-MAAE	RES-TF,2.1000K,1.0000%,250.000mW,100ppm/C,1206	buy	5	4	4	4	4	pc(s)						Change from P1210138BFMAAE	
43			X			P1220138BFMAAE	CEP1220138BF-MAAE	RES-TF,2.2K,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	1	1	1	1	pc(s)							
44			X			P1220138BFMAAE	CEP1220138BF-MAAE	RES-TF,2.2000K,5.0000%,250.000mW,200ppm/C,155.000C,1206	buy	5	8	8	8	8	pc(s)							
45			X			P1240138FDMCAD	CEP1240138BFD-MCAD	RES-TF,240R,5%,100.0mW,200.0,155.0C,0603	buy	5	1	0	1	0	pc(s)							
46			X			P1240138FDMCAD	CEP1240138BFD-MCAD	RES-TF,2.4K,1%,100.0mW,100ppm/C,155.0C,0603	buy	5	1	0	1	0	pc(s)							
47			X			P1240138FDMCAD	CEP1240138BFD-MCAD	RES-TF,2.4000K,5.0000%,100.000mW,200ppm/C,155.000C,0603	buy	5	0	0	1	1	pc(s)						Change qty due to typo for Maxim IC implementation	
48			X			P1270138FDMCAD	CEP1270138BFD-MCAD	RES-TF,2.7K,5%,100.0mW,200.0,155.0C,0603	buy	5	1	1	1	1	pc(s)							
49			X			P1300138FDMCAD	CEP1300138BFD-MCAD	RES-TF,3.0000K,1.0000%,100.000mW,100ppm/C,155.000C,0603	buy	5	1	0	1	0	pc(s)							
50			X			P1300138FEMAAE	CEP1300138FE-MAAE	RES-TF,30K,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	1	1	1	1	pc(s)							
51			X			P1301478FETAC	CEP1301478FE-TAAC	RES-TF,30.1K,0.5%,125.0mW,50.0,125.0C,0805	buy	5	3	3	3	3	pc(s)							
52			X			P1330138BFMAAE	CEP1330138BF-MAAE	RES-TF,3.3K,5%,250.0mW,200.0,155.0C,1206	buy	5	0	1	0	1	pc(s)							
53			X			P1390438FDMCAD	CEP1390438BFD-MCAD	RES-TF,39K,1%,100.0mW,100ppm/C,155.0C,0603	buy	5	1	0	1	0	pc(s)							
54			X			P1470138FDMCAD	CEP1470138BFD-MCAD	RES-TF,4.7000K,5.0000%,100.000mW,200ppm/C,155.000C,0603	buy	5	5	7	4	6	pc(s)						Change qty due to typo for Maxim IC implementation	
55			X			P1510138BFMAAE	CEP1510138FE-MAAE	RES-TF,5.1K,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	3	3	3	3	pc(s)							
56			X			P1510438FDMCAD	CEP1510438BFD-MCAD	RES-TF,51K,1%,100.0mW,100.0,155.0C,0603	buy	5	1	1	1	1	pc(s)							
57			X			P1560138FDMCAD	CEP1560138BFD-MCAD	RES-TF,5.6K,1%,100.0mW,100.0,150.0C,0603	buy	5	0	0	0	0	pc(s)							
58			X			P1680138FDMCAD	CEP1680138BFD-MCAD	RES-TF,6.8K,1%,100.0mW,100.0,155.0C,0603	buy	5	1	0	1	0	pc(s)						Change to P1200138FDMCAD due to EMC test result	
59			X			P1680138FDMCAD	CEP1680138BFD-MCAD	RES-TF,6.8K,5%,100.0mW,200.0,155.0C,0603	buy	5	1	1	1	1	pc(s)						Change from P1910138FDMCAD due to EMC test result	
60			X			P1680138FEMAAE	CEP1680138FE-MAAE	RES-TF,6.8K,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	1	2	1	2	pc(s)							
61			X			P1680458FEMAAE	CEP1680458FE-MAAE	RES-TF,68K,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	3	3	3	3								



## Revision History

Part Name : Instrument Cluster

Plant Code : AVI

Customer : AHM, HTI





Date : November 12th, 2021

Model : K2SA

Revision No : 3.1

Revision Status : PP Event

Ref. Docs. : K2SA Consolidated BOM -F-1595 ver4.0 - 20211028.xlsx

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Revision History						
Date	Revision no.	CN	CDSID	Description of change		
28-Dec-20	0		jakviant	Initial release		
15-Apr-21	1		zfirmas	37100-K2SA-M010-M1 =>	37100-K2SA-N011-M1	drawing cust. update
		37100-K2SA-M110-M1 =>		37100-K2SA-N111-M1	drawing cust. update	
		VPNHPF-10849-AA =>		VPNHPF-10849-AB	drawing cust. update	
		VPNHPF-10849-BA =>		VPNHPF-10849-BB	drawing cust. update	
		VPNHPF-10C845-AA =>		VPNHPF-10C845-AB	lens thickness update	
		VPNHPF-10B885-AA =>		VPNHPF-10B885-AB	lens thickness update	
		VPNHPF-17A381-AA =>		VPNHPF-17A381-AB	dimension and material update	
		VPNHPF-17A381-BA =>		VPNHPF-17A381-BB	dimension and material update	
		VPNHPF-18B968-AA =>		VPNHPF-18B968-AB	updated cluster p/n	
		VPNHPF-18B968-BA =>		VPNHPF-18B968-BB	updated cluster p/n	
		VPNHPF-10B895-AA =>		VPNHPF-10B895-AB	drawing cust. update	
		VPNHPF-10B895-BA =>		VPNHPF-10B895-BB	drawing cust. update	
		VPJHPF-10E865-AB =>		VPNHPF-10E865-AB	hairline graphic update	
		VPNHPF-10E865-AA =>		VPNHPF-10E865-BB	hairline graphic update	
		VPJHPF-10E853-AB =>		VPNHPF-10E853-AB	hairline graphic update	
		VPNHPF-10E853-AA =>		VPNHPF-10E853-BB	hairline graphic update	
		VPNHPF-10B978-AA =>		VPNHPF-10B978-AB	added k2s engraving	
				VPNHPF-15K520-AB	new P/N PWBA + SW	
				VPNHPF-15K520-BB	new P/N PWBA + SW	
				SWD10-28638-002	update SW version	
			VPNHPF-14B115-BB =>	VPNHPF-14B115-AC	EMC improvement	
			VPNHPF-14B115-AB =>	VPNHPF-14B115-BC	EMC improvement	
			VPNHPF-14A608-AB =>	VPNHPF-14A608-AC	change supplier	
				P120033BFDNCAD	new comp. due EMC test result	
			P121035BFJMAAE =>	P121033BFFNAAE	change comp due EMC test result	
			P156033BFDNCAD =>	P168033BFDNCAD	change comp due EMC test result	
			P760591DFL0000 =>	P7605910FL0001	change comp due EMC test result	
4-Jun-21	1.1		zfirmas	-	37213-K2SA-N010-M1	added cust. p/n
		-		SSNHPF15K520-AB0M	added baan p/n	
		-		SSNHPF15K520-BB0M	added baan p/n	
15-Jun-21	1.2		zfirmas	37100-K2SA-N011-M1 =>	37100-K2SA-N012-M1	update p/n customer due drawing customer update
		37100-K2SA-N111-M1 =>		37100-K2SA-N112-M1	update p/n customer due drawing customer update	
			zfirmas	Updated PWBA P/N		
				VPNHPF-10849-AB =>	VPNHPF-10849-AC	
				VPNHPF-10849-BB =>	VPNHPF-10849-BC	
				VPNHPF-18B968-AB =>	VPNHPF-10849-BC	
				VPNHPF-18B968-BB =>	VPNHPF-10849-BC	
				VPNHPF-10B895-AB =>	VPNHPF-10849-BC	
				VPNHPF-10B895-BB =>	VPNHPF-10849-BC	
				Customer DWG Update		

Date	Revision no.	CN	CDSID	Description of change			
28-Dec-20	0		jakviant	Initial release			
1-Oct-21	2	CN00126321		37100-K2SA-N012-M1 =>	37100-K2SA-N013-M1		
				37100-K2SA-N112-M1 =>	37100-K2SA-N113-M1		
				Add TCS			
				- =>	VENHPF-10849-AA		
				Change BAAN P/N due to differentiate with K59J CVR			
				CMJHPF10A855-BC00 =>	CMJHPF10A855-BC01		
			bprakoso	Change PWB Board (Updated Gerber)			
				VPNHPF-14A608-AC =>	VPNHPF-14A608-AD		
				Updated PWBA P/N			
				VPNHPF-15K520-AB =>	VPNHPF-15K520-AC		
13-Oct-21	2.1	CN00126321	zfiras	VPNHPF-15K520-BB =>	VPNHPF-15K520-BC		
				VPNHPF-14B115-AC =>	VPNHPF-14B115-AD		
2-Nov-21	3	CN00126411	zfiras	VPNHPF-14B115-BC =>	VPNHPF-14B115-BD		
				Customer DWG Update			
				TBD =>	K2SA-F-117		
				Customer DWG Update			
				37100-K2SA-N013-M1 =>	37100-K2S -N010-M1		
				37100-K2SA-N113-M1 =>	37100-K2S -N110-M1		
				K2SA-F-117 =>	K2SA-F1595		
				VPNHPF-10849-AC =>	VPNHPF-10849-AD		
				VPNHPF-10849-BC =>	VPNHPF-10849-BD		
				VPNHPF-18B968-AC =>	VPNHPF-18B968-AD		
				VPNHPF-18B968-BC =>	VPNHPF-18B968-BD		
				Implementation Maxim IC			
				- =>	VPNHPF-18B968-AD1		
				- =>	VPNHPF-18B968-BD1		
				- =>	FSNHPF010849-AD1M		
				- =>	FSNHPF010849-BD1M		
				- =>	FPNHPF10B895-AD1R		
				- =>	FPNHPF10B895-BD1R		
				VPNHPF-10B895-AC =>	VPNHPF-10B895-AD		
				VPNHPF-10B895-BC =>	VPNHPF-10B895-BD		
12-Nov-21	3.1		zfiras	Add Reference			
					- =>	VPGZKF-10886-AA	
				Label Desc.			
				VPNHPF-10849-A =>	VPNHPF-10849-AD		
				VPNHPF-10849-B =>	VPNHPF-10849-BD		