Bill Of Material



Part Name : Instrument Cluster

Customer : AHM, HTI Model : K2SA Revision Status : PP Event

Plant Code Date Revision No Ref. Docs.

: AVI : November 12th, 2021

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

Prepared by, Prepared by, Checked by, Approved by, 2 Zharfan Firas Bimo Prakoso Mechanical Engineer Electrical Engineer Dept Head App Enginee Director

									Qty TI		Oty N	Qty Maxim							
Line No.	Lev	el	Part Number	Description	BAAN Part Number	6.4 7.49	C . D . N	Part	Level						6 "			CNIII	w
-	111	11				Costumer Part Number	Costumer Part Name	type		STD (N0)	ABS (N1)	STD (N0)	ABS (N1)	Unit	Supplier	Spec	Mass (gr)	CN#	Note
Max=4	0 1 2	3 4 5	Max=22	Max=30	Max=17				Max=2	` '	` '	` ′	` '						
1	х		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 D1K2SN0A	315	K2SA-F-1595	Change P/N due to updated customer drawing for M/P
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 P/N due to updated customer drawing for M/P
3	х		VPNHPF-10849-AD	CLUS ASY INSTR - STD - AVI	FSNHPF010849-AD0M	37100-K2S -N010-M1	METER ASSY, COMB	make	1	1	0	0	0	Unit	AVI	SMART, ISS. BATT, ALARM. IND. Non-ABS, TI PWRA	315	CN00126411	Upsuffix due to added new PWBA
4	х		VPNHPF-10849-BD	CLUS ASY INSTR - ABS- AVI	FSNHPF010849-BD0M	37100-K2S -N110-M1	METER ASSY, COMB	make	1	0	- 1	0	0	Unit	AVI	SMART, ISS. BATT, ALARM. IND. ABS , TI PWRA	315	CN00126411	Upsuffix due to added new PWBA
5	х		VPNHPF-10849-AD	CLUS ASY INSTR - STD - AVI	FSNHPF010849-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	+	VPNHPF-10849-BD	CLUS ASY INSTR - ABS- AVI	FSNHPF010849-BD1M	37100-K2S -N110-M1	METER ASSY, COMB	make	1	0	0	0	1	Unit	AVI	SMART, ISS. BATT, ALARM. IND. ABS, Maxim	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	PWBA			
8	Y	+	VPNHPF-10C845-AB	LNS ASY-I/CLUS - AVI	FPNHPE10C845-AB0R	37212-K2S -N010-M1	I FNS ASSY	make	2	1	- 1	1	1	pc(s)	AVI	SMART, ISS. BATT, ALARM. IND. Non-ABS	66	CN00123813	Change customer P/N due to updated drawing
9			VPNHPF-10B885-AB	LNS-I/CLUS MN	CMNHPF10B885-AB00	372124023 40104W1	ELINO AGG1		3	1	-	1	1		ASKI	SMART, ISS. BATT, ALARM. IND. Non-ABS	66	CN00123813	Unsuffix due to undated lens thickness from 3mm to 2mm
10	++1	^		ANTI FOG COATING MATERIAL				buy		0.325	0.325	0.325	0.325	pc(s)		SMART, ISS. BATT, ALARM. IND. Non-ABS	- 66	GN00123013	
		^	VP9BQF-19D543-AA		-			buy	3						Yamamitsu Oil				Update qty
11		×	AVI-0000014	AQUA DESTILATED WATER	-			buy	3	0.975	0.975	0.975	0.975	ml	Cap Singa Jakarta				Update qty
12		х	VPNHPF-17A381-AB	KB-ODOM RST CONTR-SEL	CMNHPF17A381-AB00			buy	3	1	1	1	1	pc(s)	KPS	EPDM, Black, 50 +/-5 IRHD 31 x 16.6 x 11.2 mm. Flange + Undercut Sealing	2.5	CN00126170	Update CN number due to drawing updated
13		x	VPNHPF-17A381-BB	KB-ODOM RST CONTR-SET	CMNHPF17A381-BB00			buy	3	1	1	1	1	pc(s)	KPS	EPDM, Black, 50 +/-5 IRHD 31 x 16.6 x 11.2 mm. Flange + Undercut Sealing	2.5	CN00126170	Update CN number due to drawing updated
14		х	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	х		VPJHPF-10A894-BC	CVR ASY-I/CLUS 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 P/N due to updated drawing
16		х	VPJHPF-10A855-BC	CVR-I/CLUS HSG	CMJHPF10A855-BC01	37100-K59 -A700-24	CASE LOWER	buy	3	1	1	1	1	pc(s)	ASKI	PP-T30, BLACK, IA920T GSC, 308 5x152 8x72mm	84.5	CN00117409	Change BAAN P/N to differentiate with K59 (add ribs)
		Ħ														15X60 mm, Cert. No. D1K2SN0A, Cust. P/N:			
17		x	VPNHPF-18B968-AD	LBL-RADO RECV IDENT	-			ref	3	1	0	1	0	pc(s)	Theia Digilab	37100-K2S -N010-M1, Visteon P/N: VPNHPF- 10849-AD, Destination: N0, QR Code , S/N			Upsuffix due to updated cluster assy
	+++	+														K2SAN0TXXXX 15X60 mm, Cert. No. D1K2SN1A, Cust. P/N:			
18		x	VPNHPF-18B968-BD	LBL-RADO RECV IDENT	-			ref	3	0	1	0	1	pc(s)	Theia Digilab	37100-K2S -N110-M1, Visteon P/N: VPNHPF- 10849-BD, Destination: N1, QR Code , S/N			Update spec due to typing correction
																K2SAN1TXXXX			
19		x	VPNHPF-18B968-AD1	LBL-RADO RECV IDENT	-			ref	3	1	0	1	0	pc(s)	Theia Digilab	15X60 mm, Cert. No. D1K2SN0A, Cust. P/N: 37100-K2S -N010-M1, Visteon P/N: VPNHPF-			Upsuffix due to updated cluster assy
														P=(o)		10849-AD, Destination: N0, QR Code , S/N K2SAN0MXXXX			, ,
20			VPNHPF-18B968-BD1	LBL-RADO RECV IDENT					2	0		0			Theia Digilab	15X60 mm, Cert. No. D1K2SN1A, Cust. P/N: 37100-K2S -N110-M1, Visteon P/N: VPNHPF-			Under the desired and the least of the least
20		^	VPNHPF-18B968-BU1	LBL-RADO RECVIDENT	-			ref	3	U	1	U	1	pc(s)	I neia Digilab	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	pc(s)	Flexi Component	Ambic Himelon, di=6, do=10, adhesive nitto 5015.			
22		х	VPJHPF-10A949-AB	GSKT-I/CLUS	CMJHPF10A949-AB00	37202-K59 -A710-M1	PACKING	buy	3	1	1	1	1	pc(s)	KPS	EPDM SPONGE di=3 25mm l=403mm			
23	x	+	VPNHPF-10B895-AD	DI ASY-I/CLUS MN - STD - AVI	FPNHPF10B895-AD0R	37210-K2S -N010-M1	METER COMP	make	2	1	0	0	0	pc(s)	AVI	K2SA, SMART, ISS. BATT, ALARM. Non-ABS.		CN00126411	Upsuffix due to added new PWBA
24	x	+	VPNHPF-10B895-BD	DI ASY-I/CLUS MN - ABS - AVI	FPNHPF10B895-BD0R	37210-K2S -N110-M1	METER COMP	make	2	0	1	0	0	pc(s)	AVI	IND.		CN00126411	Upsuffix due to added new PWBA
25	v	-	VPNHPF-10B895-AD	DI ASY-I/CLUS MN - STD - AVI	FPNHPF10B895-AD1R	37210-K2S -N010-M1	METER COMP	make	2	0	0	-	0	pc(s)	AVI	K2SA, SMART, ISS. BATT, ALARM. ABS. IND. K2SA, SMART, ISS. BATT, ALARM. Non-ABS.		CN00126411	New suffix due to added new PWBA
26		++						-	2	0	0	0	-	1 -(-)		IND.		CN00126411	
			VPNHPF-10B895-BD	DI ASY-I/CLUS MN - ABS - AVI	FPNHPF10B895-BD1R	37210-K2S -N110-M1	METER COMP	make						pc(s)	AVI	K2SA, SMART, ISS. BATT, ALARM. ABS. IND. PC SHEET-1mm thk 6 laver assy with EPDM BLACK			New suffix due to added new PWBA
27		X	VPNHPF-10E865-AB	DI & APLQ ASY	CMNHPF10E865-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 PC SHEET-1mm thk 6 layer assy with EPDM BLACK		CN00123813	Change part number due to Hair Line Graphics updated
28		x	VPNHPF-10E865-BB	DI & APLQ ASY	CMNHPF10E865-BB00			buy	3	0	1	0	1	pc(s)	Fuji Name	1.2 x 2 x 21mm, SMART, ISS. BATT, ALARM, ABS, 4pcs cushion EPDM rubber		CN00123813	Change part number due to Hair Line Graphics updated
(29)		х	VPNHPF-10E853-AB	APLQ-I/CLUS DI	CMNHPF10E853-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	VPNHPF-10E853-BB	APLQ-I/CLUS DI	CMNHPF10E853-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.		CN00123813	Update part type as reference due to avoid misunderstanding
(31)		х	VPGZKF-10886-AA	CUSHION				ref	4	4	4	4	4	nc/e)	Foamtec	BATT, ALARM, ABS		CN00123813	Add as reference due to avoid misunderstanding
32	+++	Y	VPJHPF-10D922-AA	DSPLY ASY-ELETR INSTR IND	CMJHPF10D922-AA00	37100-K59 -A700-21	LCD ASSY	buy	3	1	-1	-1	1	pc(s)	RCL Display	EPDM BLACK 1.2 x 2 x 21mm TN Negative, 36pin, Glass 106.2 x 33.1 x 2.7mm			
33	+	^ Y	VPJHPF-10D922-AA VPJHPF-19A023-AC	FLTR RADO RECVR DI LT	CMJHPF19A023-AC00	57 100-K39 -A700-21	LUD ASST		3		1	-	1	1 -(-)	Fuii Name	thk			
	44	^						buy		1	1	1		pc(s)	-,	PC SHEET, 3 layer 114.2 x 33.5 x 0.5mm thk PP T40 - WHITE CJ930E GSC, 146.9 x 83.7 x	-		
34	+	х	VPNHPF-10B978-AB	PLT-VCLUS IND MTNG - AVI	CMNHPF10B978-AB00			buy	3	1	1	1	1	pc(s)	ASKI	29.3 mm	61	CN00123813	Upsuffix due to added K2S engraving
35	Ш	Х	VPJHPF-17C265-AB	RET-ODOM RST CONTR KB	CMJHPF17C265-AB00	37203-K59-A710-M1	TRIP ROD	buy	3	2	2	2	2	pc(s)	ASKI	PP-T30, BLACK, IA920T GSC,Ø3.9 x 22.9 mm	0.2		Change level and position refer to customer drawing
36	Ш	х	VPNHPF-15K520-AC	ENHANCED BOARD ASSY- STD	SSNHPF15K520-AC0M			make	3	1	0	0	0	pc(s)	-	BD Asy, Non-ABS, SW 02.03		CN00126321	Upsuffix due to gerber change for LCD connector shifting
37		х	VPNHPF-15K520-BC	ENHANCED BOARD ASSY- ABS	SSNHPF15K520-BC0M			make	3	0	1	0	0	pc(s)	-	BD Asy, ABS, SW 02.03		CN00126321	Upsuffix due to gerber change for LCD connector shifting
38	Ш	х	VPNHPF-15K520-JA	ENHANCED BOARD ASSY- STD	SSNHPF15K520-JA0M			make	3	0	0	1	0	pc(s)	-	BD Asy, Non-ABS, SW 02.03	L	CN00126411	New Suffix due to implemntation Maxim IC
39		х	VPNHPF-15K520-KA	ENHANCED BOARD ASSY- ABS	SSNHPF15K520-KA0M		·	make	3	0	0	0	1	pc(s)	-	BD Asy, ABS, SW 02.03		CN00126411	New Suffix due to implemntation Maxim IC
40	х	П	VENHPF-10849-AA	K2SA ES/TCS				ref	2	1	1	1	1	pc(s)					Added due to updated born
NOTE - A			•														•		-

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

Bill Of Material



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

 : PWBA
 Plant Code

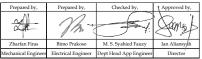
 : AHM, HTI
 Date

 : K2SA
 Revision No

 : PP Event
 Ref. Docs.

: AVI : November 12th, 20

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	Level							Otv (T	LIC)	Qty (Ma	xim IC)							
No. 0	1 2 3	4 5	Part Number	BAAN Part Number	Description	Part Type	Level	STD (N0)	ABS (N1)	STD (N0)	ABS (N1)	Unit	Spec	Packin g	Maker	MPN	CN#	Change Descriptions
1	х	1	VPNHPF-15K520-AC	SSNHPF15K520-ACOM	ENHANCED BOARD ASSY- STD	make	3	1	0	0	0	pc					CN00126321	Up Suffix P/N
2	Х		VPNHPF-15K520-BC	SSNHPF15K520-BC0M	ENHANCED BOARD ASSY- ABS	make	3	0	1	0	0	pc					CN00126321	Up Suffix P/N
			VPNHPF-15K520-JA	SSNHPF15K520-JA0M	ENHANCED BOARD ASSY- STD	make	3	0	0	1	0	pc					CN00126411	New Suffix due to implemntation Maxim IC
			VPNHPF-15K520-KA	SSNHPF15K520-KA0M	ENHANCED BOARD ASSY- ABS	make	3	0	0	0	1	pc		1			CN00126411	New Suffix due to implemntation Maxim IC
			SWD10-28638-002	SSNHPF14R115-ADOM	SYSTEM SOFTWARE VERSION BD ASY PRNT WIR / PWB Assembly - K2SA - STD	ref	4	Ref 1	Ref	Ref 1	Ref	Ref	02.03.01	1			CN00123813 CN00126321	Update SW version
			VPNHPF-14B115-AD VPNHPF-14B115-BD	SSNHPF14B115-ADOM SSNHPF14B115-RDOM	BD ASY PRNT WIR / PWB Assembly - K2SA - STD BD ASY PRNT WIR / PWB Assembly - K2SA - ABS	make	4	0	1	0	1	pc(s)					CN00126321	Upsuffix due to gerber change for LCD connector shifting Upsuffix due to gerber change for LCD connector shifting
8			VPNHPF-14B115-JA	SSNHPF14B115-JA0M	BD AST PRINT WIR / PWB Assembly - K2SA - ABS	make	4	0	0	1	0	pc(s)		H			CN00126411	New Suffix due to implementation Maxim IC
9			VPNHPF-14B115-KA	SSNHPF14B115-KAOM	BD ASY PRNT WIR / PWB Assembly - K2SA - ABS	make	4	0	0	0	1	pc(s)					CN00126411	New Suffix due to implemntation Maxim IC
			VPNHPF-14A608-AD	CMNHPF14A608-AD00	BD-PRINTWIR	buy	5	1	1	0	0	pc	FR-4, Double layer , t=1.6, OSP, 194 x 250 mm		PWB26333	Kinyip		Change qty due to implemntation Maxim IC
11		χV	VPNHPF-14A608-BA	CMNHPF14A608-BA00	BD-PRINTWIR	buy	5	0	0	1	1	pc	FR-4, Double layer , t=1.6, OSP, 194 x 250 mm	9	PWB26353	Kinyip		New Component due to implemntation Maxim IC
12		X	AVI-0001297	COIDMKLBLBNK-0358	Label Blank (8x8)mm	buy	5	1.33	1.33	1.33	1.33	pc(s)			Prolabel	8x8 mm		
	44		AVI-0001378	COIDMKRIBFAC-1743	Ribbon Face Out	buy	5	16.5	16.5	16.5	16.5	mm			Kahar Duta Sarana	Ribbon Face Out		
14	-		AVI-0003157 AVI-0001265	CODICHSOLIND-1110 CODICHLEADBA-1108	Solder Paste SAC 305 Indium 89 HFA Lead Free Bar 96.5 Sn/3 Ag/0.5 Cu	buy	5	0.0015	0.0015	0.0015	0.0015	kg			Indium	89 HFA		
16			AVI-0001265 AVI-0001272	CODICHLEADBA-1108 CODICHLFTS10-0354	Flux Tamura EC-19S-10	buy	5	0.0001995	0.0001995	0.0001995	0.0001995	kg ml			Alpha Metal Tamura	SAC (96.5 Sn/3 Ag/0.5 Cu) EC-19S-10		
	+		AVI-0002171	CODICHCEMEDI-1109	Cemedine Super X No 8008	huv	5	0.03	0.03	0.03	0.03	ml		1	Cemedine	SuperX8008		
18	++		AVI-0004789	CODIOTSHINET-2113	ROHS Conformal Coating Shinetsu KE-3423	buy	5	0.4	0.4	0.4	0.4	gram		9	Shin Etsu	KE-3423		
19		X :	1S7F-18B921-VA	CE1S7F18B921-VA00	CONN-,P/T - Pin Headers,6,Vertical,Surface Mount	buy	5	0	0	0	0	pc(s)		Reel 1	Molex	15-91-1062		Remove 6 pin debugger
			P100009BFDZCAD	CEP100009BFD-ZCAD	RES-TF,0R,,,,155.0C,0603	buy	5	3	3	3	3	pc(s)			Kamaya	RMC1/16JPTP		
			P100009BFEZAAC	CEP100009BFE-ZAAC	RES-TF,,,,,155.0C,0805	buy	5	4	4	4	4	pc(s)		Reel I	Kamaya	RMC1/10JPTP		
			P100009BFFZAAE	CEP100009BFF-ZAAE	RES-TF,,,,,155.0C,1206	buy	5	3	3	3	3	pc(s)		Reel		RMC1/8JPTP		Add quantity due to EMC test result
23	++		P110015BFEMAAC P110023BFENAAC	CEP110015BFE-MAAC	RES-TF,10R,5%,125.0mW,200.0,155.0C,0805 RES-TF 100R 1% 125.0mW 100.0.155.0C 0805	buy	5	1	0	1	0	pc(s)			Kamaya	RMC1/10-100JTP		
			P110023BFENAAC P110035BFDMCAD	CEP110023BFE-NAAC CEP110035BFD-MCAD	RES-TF,100R,1%,125.0mW,100.0,155.0C,0805 RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	buy	5	9	6	9	6	pc(s) pc(s)		Reel	Kamaya Kamaya	RMC1/10K1000FTP RMC1/16-102JTP		
			P110035BFDMCAD P110035BFNMDAB	CEP110035BFD-MCAD	RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,125,000C,0003 RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRAY	buy	5	9	9	9	9	pc(s)		Reel	Kamaya Kamaya	RACA104D102JCTH	1	
27	+	X	P110035BFNMDAB P110045BFDMCAD	CEP110033BFN-MDAB	RES-TF,10,0000k,5,0000%,200,000mW,200ppm/C,125,000C,0603	buy	5	4	4	4	4	pc(s)		Reel	Kamava	RMC1/16-103/TP		
28	T		P110047BFETAAC	CEP110047BFE-TAAC	RES-TF,10k,0.5%,125.0mW,50.0,125.0C,0805	buy	5	3	3	3	3	pc(s)			Kamaya	RGC1/10C1002DTP		
			P110053BFDNCAD	CEP110053BFD-NCAD	RES-TF,100,0000k,1,0000%,100,000mW,100ppm/C,155,000C,0603	buy	5	1	0	1	0	pc(s)		Reel	Kamaya	RMC1/16K1003FTP		
30			P112035BFJMAAE	CEP112035BFJ-MAAE	RES-TF,1.2k,5%,250.0mW,200.0,155.0C,1206	buy	5	12	15	12	15	pc(s)		Reel	Kamaya	RMC1/8-122JTP		
			P114033BFDNCAD	CEP114033BFD-NCAD	RES-TF,1.4k,1%,100.0mW,100.0,155.0C,0603	buy	5	1	0	1	0	pc(s)		Reel	Kamaya	RMC1/16K1401FTP		
32	44		P115013BFFNAAE	CEP115013BFF-NAAE	RES-TF,15R,1%,250.0mW,100.0,155.0C,1206	buy	5	1	0	1	0	pc(s)			Kamaya	RMC1/8K15R0FTP		
			P115033BFJNAAE P115035BFDMCAD	CEP115033BFJ-NAAE CEP115035BFD-MCAD	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206 RES-TF.1.5k.5%.100.0mW.200.0.155.0C.0603	buy buy	5	16 1	16 0	16 1	16 0	pc(s)			Kamaya	RMC1/8K1501FTP		
	-		P115035BFJMAAE	CEP115035BFD-MCAD	RES-TF 1 Sk 5% 250 0mW 200 0 155 0C 1206	huv	5	2	2	2	2	pc(s) pc(s)		Reel	Kamaya	RMC1/16-152JTP RMC1/8-152JTP		
36	+		P116035BFJMAAE	CEP116035BFJ-MAAE	RES-TF,1.6k,5%,250.0mW,200.0,155.0C,1200	buy	5	2	2	2	2	pc(s)		Reel	Kamaya	RMC1/8-1521TP		
37	++		P118035BFJMAAE	CEP118035BFJ-MAAE	RES-TF,1.8k,5%,250.0mW,200.0,155.0C,1206	buy	5	2	2	2	2	pc(s)		Reel	Kamaya	RMC1/8-182JTP		
38			P120033BFDNCAD	CEP120033BFD-NCAD	RES-TF,2k,1%,100.0mW,100.0,155.0C,0603	buy	5	1	0	1	0	pc(s)			Kamaya	RMC1/16K2001FTP		New component due to EMC test result
39			P120035BFDMCAD	CEP120035BFD-MCAD	RES-TF,2k,5%,100.0mW,200.0,155.0C,0603	buy	5	1	0	1	0	pc(s)		Reel	Kamaya	RMC1/16-202JTP		
40		X	P120047BFFNAAC	CEP120047BFF-NAAC	RES-TF,20k,0.5%,125.0mW,100.0,125.0C,0805	buy	5	2	2	2	2	pc(s)		Reel	Kamaya	RGC1/10C2002DTP		
41		X	P121035BFJMAAE	CEP121035BFJ-MAAE	RES-TF,2,1000k,5,0000%,250,000mW,200ppm/C,155,000C,1206	buy	5	0	0	0	0	pc(s)			Kamaya	RMC1/8K2101FTP		Change to P121033BFFNAAE due to NFND
			P121033BFFNAAE P122035BFEMAAC	CEP121033BFF-NAAE CEP122035BFE-MAAC	RES-TF,2,1000k,1,0000%,250,000mW,100ppm/C,,1206 RES-TF,2.2k,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	4	4	4	4	pc(s)			Kamaya	RMC1/8K2101FTP		Change from P121035BFJMAAE
			P122035BFJMAAE	CEP122035BFE-MAAC	RES-TF,2.2000k,5,0000%,250,000mW,200ppm/C,155,000C,1206	buy buy	5	8	8	8	8	pc(s)		Reel	Kamaya	RMC1/10-222JTP RMC1/8-222JTP		
	+		P124025BFDMCAD	CEP124025BFD-MCAD	RES-TF,240R,5%,100.0mW,200.0,155.0C,0603	buy	5	1	0	1	0	pc(s)		Reel H	Kamaya	RMC1/16-22211P		
46			P124033BFDNCAD	CEP124033BFD-NCAD	RES-TF,2.4k,1%,100.0mW,100ppm/C,155.0C,0603	buy	5	1	0	1	0	pc(s)		Reel	Kamaya	RMC1/16K2401FTP		
47	T		P124035BFDMCAD	CEP124035BFD-MCAD	RES-TF,2,4000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	buy	5	0	0	1	1	pc(s)		Reel	Kamaya	RMC1/16-242JTP		Change qty due to typo for Maxim IC implementation
48			P127035BFDMCAD	CEP127035BFD-MCAD	RES-TF,2.7k,5%,100.0mW,200.0,155.0C,0603	buy	5	1	1	1	1	pc(s)		Reel	Kamaya	RMC1/16-272JTP		
49		X	P130033BFDNCAD	CEP130033BFD-NCAD	RES-TF,3,0000k,1,0000%,100,000mW,100ppm/C,155,000C,0603	buy	5	1	0	1	0	pc(s)		Reel	Kamaya	RMC1/16K3001FTP		
50	++-		P130045BFEMAAC	CEP130045BFE-MAAC	RES-TF,30k,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	1	1	1	1	pc(s)			Kamaya	RMC1/10-303JTP		
			P130147BFETAAC P133035BFFMAAE	CEP130147BFE-TAAC CEP133035BFF-MAAE	RES-TF,30.1k,0.5%,125.0mW,50.0,125.0C,0805 RES-TF,3.3k,5%,250.0mW,200.0,155.0C,1206	buy buy	5	3	3	3	3	pc(s)			Kamaya	RGC1/10C3012DTP RMC1/8-332ITP		
			P139043BFDNCAD	CEP133033BFF-WAVE	RES-TF,3-3%,250.0ffW,200.0,155.0C,1206 RES-TF,39k,1%,100.0mW,100ppm/C,155.0C,0603	buy	5	1	0	1	0	pc(s)		-	Kamaya Kamaya	RMC1/16K3902FTP		
(54	+	X	P147035BFDMCAD	CEP147035BFD-MCAD	RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	buy	5	5	7	4	6	pc(s)		Reel		RMC1/16-472JTP		Change qty due to typo for Maxim IC implementation
55	+	X	P151035BFEMAAC	CEP151035BFE-MAAC	RES-TF,5.1k,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	3	3	3	3	pc(s)		Reel	Kamaya	RMC1/10-512JTP		ge 47 === to typo to mount to implementation
56	T		P151043CFDNCAD	CEP151043CFD-NCAD	RES-TF,51k,1%,100.0mW,100.0,155.0C,0603	buy	5	1	1	1	1	pc(s)		Reel	Kamaya	RMC1/16K5102FTP10		
57		X	P156033BFDNCAD	CEP156033BFD-NCAD	RES-TF,5.6k,1%,100.0mW,100.0,150.0C,0603	buy	5	0	0	0	0	pc(s)	-	Reel	Kamaya	RMC1/16K5601FTP		Change to P120033BFDNCAD due to EMC test result
			P168033BFDNCAD	CEP168033BFD-NCAD	RES-TF,6.8k,1%,100.0mW,100.0,155.0C,0603	buy	5	1	0	1	0	pc(s)		Reel	Kamaya	RMC1/16K6801FTP		Change from P191033BFDNCAD due to EMC test result
	++-		P168035BFDMCAD	CEP168035BFD-MCAD	RES-TF,6.8k,5%,100.0mW,200.0,155.0C,0603	buy	5	1	1	1	1	pc(s)		Reel		RMC1/16-682JTP		
60	+		P168035BFEMAAC	CEP168035BFE-MAAC	RES-TF,6.8k,5%,125.0mW,200ppm/C,155.0C,0805 RES-TE 68k 5% 125.0mW,200ppm/C 155.0C 0805	buy	5	3	2	3	3	pc(s)			Kamaya	RMC1/10-682JTP RMC1/10-683JTP		
62			P175025BFDMCAD	CEP168U45BFE-MAAC CEP175025BFD-MCAD	RES-TF,58R,5%,125.0mW,200ppm/C,155.0C,0805 RES-TF,750R,5%,100.0mW,200.0.155.0C,0603	buy	5	9	9	9	9	pc(s)			Kamaya Kamava	RMC1/10-683JTP RMC1/16-751JTP	1	
63			P191033BFDNCAD	CEP175025BFD-MCAD	RES-TF,9.1k.1%.100.0mW,200.0,155.0C,0603	buy	5	1	0	1	0	pc(s)		Reel		RMC1/16-75111P RMC1/16K9101FTP	1	Change to P168033BFDNCAD due to EMC test result
64	+		P210040BFJAAAD	CEP210040BFJ-AAAD	CAP-CERM,10PF,5%,50V,COG,,0402	buy	5	1	0	1	0	pc(s)		Reel	Taiyo Yuden	UMK105CG100JVHF		and the second of the second of the second s
65	ΙT	X	P210247BFKAAAD	CEP210247BFK-AAAD	CAP-CERM,1,000NF,10,0000%,50,000V,X7R,,0402	buy	5	5	5	6	6	pc(s)		Reel 1	Taiyo Yuden	UMK105 B7102KVHF		Change qty due to implemntation Maxim IC
		X	P210268BFJA003	CEP210268BFJ-A003	CAP-CERM,1NF,20%,100V,C0G,Spk Dis,0805	buy	5	5	3	5	3	pc(s)	-	Reel	Kemet	C0805C102M1GAC 3099		
			P210347BFKAAAD	CEP210347BFK-AAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	buy	5	20	21	19	20	pc(s)		Reel	Taiyo Yuden	UMK105 B7103KVHF		Change qty due to implemntation Maxim IC
68	++-		P210347BFKAFAA P210367BFKAFAB	CEP210347BFK-AFAA CEP210367BFK-AFAB	CAP-CERM,10,000NF,10,0000%,50,000V,X7R-FLEX,Poly Term,0603 CAP-CERM.10NF.10%.100V.X7R.Poly Term,0805	buy	5	0	0	0	0	pc(s)		Reel /		GCJ188R71H103KA01D		
	+		P210367BFKAFAB P210446BFKAABA	CEP210367BFK-AFAB CEP210446BFK-AABA	CAP-CERM,10NF,10%,100V,X7R,Poly Term,0805 CAP-CERM.100.000NF.5.0000%.50.000V.X7R0603	buy	5	8	9	8	9 5	pc(s)		Reel /		08051C103K4Z2A MT18B104I500CT		
			P210446BFKAFAB	CEP210440BFK-AABA CEP210467BFK-AFAB	CAP-CERM,100,000NF,10,0000%,50,000V,X7R,0003 CAP-CERM,100,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805	buy	5	8	6	8	6	pc(s)		Reel 1	Kamaya Taiyo Yuden	M118B104J500C1 HMJ212BB7104KGHT		
			P210537BFKAABA	CEP210537BFK-AABA	CAP-CERM,1,000uF,10,0000%,25,000V,X7R-FEEX,F0IV TEITI,0803	buy	5	1	1	1	1	pc(s)		Reel 1	TDK	CGA3E1X7R1E105KT0Y0E		
73	T		P210627BFKFABB	CEP210627BFK-FABB	CAP-CERM,10uF,10%,16V,X7S,,0805	buy	5	2	2	0	0	pc(s)		Reel	Murata	GCM21BC71C106KE36L		Change qty due to implemntation Maxim IC
			K222608BFKEABB	CEK222608BFK-EABB	CAP-CERM,22,000uF,20,0000%,6,300V,X5R,,0805	buy	5	0	0	2	2	pc(s)		Reel 1	Taiyo Yuden	JMK212BBJ226MGHT		New Component due to implemntation Maxim IC
			P222146BFJAAAD	CEP222146BFJ-AAAD	CAP-CERM,220PF,5%,50V,C0G,,0402	buy	5	1	1	1	1	pc(s)		Reel I		MT15N221J500CT		
		Х	P222166BFJAFAB	CEP222166BFJ-AFAB	CAP-CERM,220PF,5%,100V,COG,Poly Term,0805	buy	5	2	2	2	2	pc(s)			Kemet	C0805X221J1GAC 3123		
77		X	P222367BFKAAAA	CEP222367BFK-AAAA	CAP-CERM,22NF,10%,100V,X7R,,0603	buy	5	1	0	1	0	pc(s)		Reel		GCM188R72A223KA37D		
78	+	X	P247066BFJA001 P247247BFKAAAD	CEP247066BFJ-A001 CEP247247RFK-AAAD	CAP-CERM,47PF,5%,100V,CDG,Sole Sourced,0603 CAP-CERM 4 7NF 10% 50V X7R 0402	buy buy	5	0	0	0	0	pc(s)		Reel r		GCM1885C2A470JA16D LIMK105 R7472KVHF		
79		114	F247247BFN/WWW	CEF 24/24/BFR-AVAD	CAT*CERIMI,4.7 NT,10%,3UV,A7K,,U4UZ	buy	,	U	1	U	1	pc(s)		Reei]	Taiyo Yuden	UIVIK 1U3 B/4/2KVHF	1	

the c	Level				Part		Qty (1	I IC)	Qty (Max	im IC)			Packin				
No. 0 1	2 3 4	Part Number	BAAN Part Number	Description	Type	Level	STD	ABS	STD	ABS	Unit	Spec	g	Maker	MPN	CN#	Change Descriptions
		Ĭ					(NO)	(N1)	(N0)	(N1)			Ü				
80		X P247347BFKAAAD	CEP247347BFK-AAAD	CAP-CERM,47NF,10%,50V,X7R,,0402	buy	5	1	1	1	1	pc(s)		Reel	Taiyo Yuden	UMK105B7473KVHF		
81		X P28094ABFJAAAD	CEP28094ABFJ-AAAD	CAP-CERM,8PF,1.25%,50V,COG,,0402	buy	5	1	1	1	1	pc(s)		Reel	Murata	GCM1555C1H8R0BA16D		
82		X P29094BBFJAAAD	CEP29094BBFJ-AAAD	CAP-CERM,9PF,0.56%,50V,COG,,0402	buy	5	1	1	1	1	pc(s)			Murata	GCM1555C1H9R0WA16D		
83		X P410162CFCC004	CEP410162CFC-C004	CAP-ALUM,100uF,20%,35V,,105.0C,SMD	buy	5	1	1	1	1	pc(s)		Reel	Nichicon	UWT1V101MCL1GS		
84		X P422172CFDEX00	CEP422172CFD-EX00	CAP-ALUM,220uF,20%,50V,,105.0C,SMD	buy	5	1	1	1	1	pc(s)		Reel	Nichicon	UUD1H221MNL1GS		
85		X P521002BFALX00	CEP521002BFA-LX00	DIOD-TVS,27V,SOT-23	buy	5	1	0	1	0	pc(s)		Reel	Onsemi	SZMMBZ27VCLT3G		
86		X P522018BFAAX00	CEP522018BFA-AX00	DIOD-RECT,200V,250mA,50ns,SOD323	buy	5	0	1	0	1	pc(s)		Reel	Nexperia	BAS321,115		
87		X P540004BFAEX00	CEP540004BFA-EX00	DIOD-ZENER,4.7,5,SOD123	buy	5	0	1	0	1	pc(s)		Reel	Onsemi	SZMMSZ4688T1G		
88		X P542004DFAAX00	CEP542004DFA-AX00	DIOD-RECT,400,000V,1,000A,1,800us,SMA	buy	5	9	9	9	9	pc(s)		Reel	Surge	AGS1G-13		
89		X P611002BFBBX00	CEP611002BFB-BX00	XSTR-BP,P,80,000V,500,000mA,SOT-23	buy	5	3	3	3	3	pc(s)		Reel	Nexperia	PMBTA56,215		
90		X P611002BFCBAHA	CEP611002BFC-BAHA	XSTR-BP,PNP,-80,000V,-1,000A,SOT-89	buy	5	1	0	1	0	pc(s)		Reel	Nexperia	BCX53-10TX		
91		X P611006BFBAX00	CEP611006BFB-AX00	XSTR-BP,N-Channel,80V,500mA,SOT-23	buy	5	2	3	2	3	pc(s)		Reel	Nexperia	PMBTA06,215		
92		X P660303BFAAX00	CEP660303BFA-AX00	XSTR-BRES,NPN,50V,100mA,SOT-23	buy	5	5	5	5	5	pc(s)		Reel	Nexperia	PDTC143ZT,215		
93		X P670009BFAAX00	CEP670009BFA-AX00	XSTR-BP,N-Channel,45V,100mA,SOT363	buy	5	1	0	1	0	pc(s)		Reel	Nexperia	BC847BS.115		
94		X P671007BFBLX00	CEP671007BFB-LX00	XSTR-BP,comple,65V,100mA,SOT363	buy	5	1	0	1	0	pc(s)			Onsemi	SSVBC846BPDW1T1G		
95		X P700034CFGBX00	CEP700034CFG-BX00	IC-COMP,COMP,SOIC	buy	5	1	0	1	0	pc(s)		Reel	TI	LM2903QDRQ1		
96		X P701156CFFC000	CEP701156CFF-C000	IC-REG,VR LIN,MSOP	buy	5	1	1	0	0	pc(s)		Reel	TI	TPS7A6650QDGNRQ1		
97		X P700115CFFE000	CEP700115CFF-E000	IC-REG,VR ADJ,TDFN	buy	5	0	0	1	1	pc(s)		Reel	Maxim	MAX16910CATA8/V+		Add component for Maxim Gerber
(98		X P760591DFL0000	CEP760591DFL-0000	IC-PROC ,LFQFP	buy	5	alt	alt	alt	alt	pc(s)		Tray	Renesas	R5F10CMELFB#H2G		add old P/N as alternate
99		X P7605910FL0001	CEP7605910FL-0001	IC-PROC ,LFQFP	buy	5	1	1	1	1	pc(s)		Tray	Renesas	R5F10CMECLFB#H2G		Update VPN due to SCR
100		X P770056CFNC000	CEP770056CFN-C000	IC-MEM,EEPROM,TSSOP	buy	5	1	1	1	1	pc(s)		Reel	ST Micro	M24C04-DRDW3TP/K		
101		X PCA00389-AB	CE00PCA00389-AB00	CONN-,I/O - Thru Hole Headers,16,Vertical,Thru hole	buy	5	1	1	1	1	pc(s)		Tray	Iriso	IMSA-9937B-16A-TM2		
102		X PCF00099-CA	CE00PCF00099-CA00	CONN-,C/M - Device Sockets,18,Vertical,Surface Mount	buy	5	2	2	2	2	pc(s)		Reel	Iriso	IMSA-9257S-18Y916		
103		X PE12037BFA31AA	CEPE12037BFA-31AA	DIOD-LED,RED,P-LCC-2	buy	5	3	3	3	3	pc(s)		Reel	Osram	LST676-R1S1-1-Z (Q65110A2152)		
104		X PE13002BFA3200	CEPE13002BFA-3200	DIOD-LED.GREEN.SMD	buy	5	3	3	3	3	pc(s)		Reel	Nichia	NESG146AT-G-Cd1000.Cd1200.Cd1440		
105		X PE13080BFA3400	CEPE13080BFA-3400	DIOD-LED,WHITE,SMD	buy	5	4	4	4	4	pc(s)		Reel		NESW146AT-F20-Cd1200.Cd1440		
106		X PE18001CFA3100	CEPE18001CFA-3100	DIOD-LED.AMBER.P-LCC-2	buy	5	2	3	2	3	pc(s)		Reel	Osram	LYT676-S1T1-35 (Q65110A3818)		
107	H	X PE71017BFA3200	CEPE71017BFA-3200	DIOD-LED,BLUE,(),(),SMD	buy	5	1	1	1	1	pc(s)		Reel		NHSB146AT-W-Cd75,Cd90,Cd105		
108		X PR35023BFG1000	CEPR35023BFG-1000	RESON-XTAL.32.768kHz.10ppm.FU - Fundamental Mode.SMD	buy	5	1	1	1	1	pc(s)		Reel		EXS00A-MU00929		
109	ĦĦ	X PR80047BFH1AEJ	CEPR80047BFH-1AEJ	RESON-CERM,8MHz,0.5%,FU - Fundamental Mode,CSTNE	buy	5	1	1	1	1	pc(s)			Murata	CSTNE8M00G55A000R0		
110	H	X PV000020FDK000	CEPV000020FD-K000	RES-VAR,50,0J,16,000V,43,0V,125,000C,14MM DISK	buy	5	1	1	1	1	pc(s)		Reel		B72214S1140K561		
111	ĦĦ	X VPBZRF-13N203-AA	CMBZRF13N203-AA00	SCREW BTP 3x6 3U (NITTO SEIKO)	buy	5	2	2	2	2	pc(s)		Box		VPBZRF-13N203-AA		
112	ĦĦ	X VPEBOF-0857-BA	CMEBQF000857-BA00	SWITCH TACT	buy	5	2	2	2	2	pc(s)			Panasonic	EVOPLH915		
			1	J	, ,,,		243	226	243	226							
							- 10	-10	- /-								

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

Distribution List:

Engineering SMT	Engineering FA	QA	QC	Fin/ Acc	PPIC	MP&L	Purchasing	Production	Marketing



Revision History

Part Name : Instrument Cluster Plant Code : AVI

Customer : AHM, HTI Date : November 12th, 2021

Model : K2SA Revision No : 3.1

Revision Statu: PP Event Ref. Docs. : K2SA Consolidated BOM -F-1595 ver4.0 - 20211028.xlsx

Prepared by, Prepared by, Checked by, Approved by,

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Mechanical Engineer Electrical Engineer Dept Head App Engineer Director

	Kevision Statu	. II Even	Kei. Docs.	. R25A Consolidated BOW -F-		20211020.AISA	
				Revision History	′		
Date	Revision no.	CN	CDSID			Description o	f change
28-Dec-20	0		jakviant	Initial release			
				37100-K2SA-M010-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
			zfiras	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
15-Apr-21	1		1	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
			bprakoso	VPNHPF-14B115-BB	=>	VPNHPF-14B115-AC	EMC improvement
				VPNHPF-14B115-AB		VPNHPF-14B115-BC	EMC improvement
						VPNHPF-14A608-AC	change supplier
						P120033BFDNCAD	new comp. due EMC test result
				P121035BFJMAAF	=>	P121033BFFNAAE	change comp due EMC test result
				P156033BFDNCAD			change comp due EMC test result
				P760591DFL0000	_	P7605910FL0001	change comp due EMC test result
				-		37213-K2SA-N010-M1	added cust. p/n
4-Jun-21	1.1		zfiras	-		SSNHPF15K520-AB0M	added baan p/n
			_	_		SSNHPF15K520-BB0M	added baan p/n
				37100-K2SA-N011-M1	=>	37100-K2SA-N012-M1	update p/n customer due drawing customer update
15-Jun-21	1.2		zfiras	37100-K2SA-N111-M1		37100-K2SA-N112-M1	update p/n customer due drawing customer update
				Updated PWBA P/N		oco neo/(iiii iiii	Tapaata p sustainer and drawing sustainer apaata
					=>	VPNHPF-10849-AC	
						VPNHPF-10849-BC	
				VPNHPF-18B968-AB		VPNHPF-10849-BC	
				VPNHPF-18B968-BB		VPNHPF-10849-BC	
				VPNHPF-10B895-AB			
				VPNHPF-10B895-BB			
			zfiras	Customer DWG Update	/	1	
	į į	I	1	Castomor Bir o opadio			

Date	Revision no.	CN	CDSID			Description of change	-				
28-Dec-20	0	5.1	jakviant	Initial release							
	_		,		=>	> 37100-K2SA-N013-M1					
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