Bill Of Material



Part Name : Instrument Cluster : AHM, AVV : K2SA/K2SG Customer Model

Plant Code Date Revision No Revision Status : Mass Pro Ref. Docs.

Plant Code : AVI Date

Revision No

Ref. Docs.

: 17 May 2022 : 5 (CN00127718/CN00127717)

: K2SA Consolidated BOM -F-0081 ver4.5 - 20220128

Prepared by,	Prepared by,	Approved by,
-4=1	The	7
Jemy Akvianto	Bimo Prakoso	M. S. Syahied Fauzy
Mechanical Engineer	Electrical Engineer	Dept Head App Engineer

											K2S	A			K25	G							
Line No.	Le	rrol	Part Number	Description	BAAN Part Number				Level	Qty ?	TI	Oty Ma	axim	Oty	TI	Oty Ma	xim						
Line No.	Le	vei	rart Number	Description	BAAN Fart Number	Customer Part Number	Customer Part Name	Part Type	Level	Ť								Unit	Supplier	Spec	Mass (gr)	CN#	Note
											ABS (N1)	STD (N0)	ABS (N1)	STD	ABS (N1)	STD	ABS (N1)						
Max=4	0 1 2	3 4 5	5 Max=22	Max=30	Max=17				Max=2	(140)	(141)	(140)	(141)	(140)	(141)	(140)	(141)						
1	Х		37100-K2S -N011-M1	METER ASSY COMB				make	0	1	-	1	-	1	-	1	-	Unit	AVI	AHM. K2SA, SMART, ISS. BATT, ALARM. Non- ABS. IND. Certification Number D1K2SN0A	315	M-22-F0081	Up suffix P/N due to DWG SPEC update
2	х		37100-K2S -N111-M1	METER ASSY COMB				make	0	-	1	-	1	-	1		1	Unit	AVI	AHM. K2SA, SMART, ISS. BATT, ALARM. ABS.	315	M-22-F0081	Upsuffix P/N due to DWG SPEC update
3	Y		VPNHPF-10849-AF	CLUS ASY INSTR - STD - AVI	FSNHPF010849-AF0M	37100-K2S -N011-M1	METER ASSY . COMB	make	1	1		_ 1	_			_	_	Unit	AVI	IND. Certification Number D1K2SN1A SMART, ISS. BATT, ALARM. IND. Non-ABS , TI	315	CN00127563	Customer P/N update due to EMC Spec update
4			VPNHPF-10849-RE	CLUS ASY INSTR - ARS- AVI	FSNHPF010849-RF0M	37100-K2S -N111-M1	METER ASSY COMB	make	-	-	_	1	1					Unit	AVI	PWBA SMART, ISS. BATT, ALARM. IND. ABS , TI	315	CN00127563	Customer P/N undate due to EMC Spec undate
	Α.		VI 14111 1 10040 DE						- 1	-	1	-	-	-	-	-	-			PWBA SMART, ISS, BATT, ALARM, IND, Non-ABS .			
5	Х		VPNHPF-10849-AE	CLUS ASY INSTR - STD - AVI	FSNHPF010849-AE1M	37100-K2S -N011-M1	METER ASSY, COMB	make	1	-	-	1	-	•	-	-	-	Unit	AVI	Maxim PWBA	315	CN00127563	Customer P/N update due to EMC Spec update
6	Х		VPNHPF-10849-BE	CLUS ASY INSTR - ABS- AVI	FSNHPF010849-BE1M	37100-K2S -N111-M1	METER ASSY, COMB	make	1	-	-	-	1	-	-	-	-	Unit	AVI	SMART, ISS. BATT, ALARM. IND. ABS , Maxim PWBA	315	CN00127563	Customer P/N update due to EMC Spec update
7	x		VPNHPF-10849-AE	CLUS ASY INSTR - STD - AVV	FSNHPF010849-AE0E	CMNHPF010849-AE00	METER ASSY, COMB	make	1	-	-	-	-	1	-	-	-	Unit	AVI	SMART, ISS. BATT, ALARM. IND. Non-ABS, TI PWBA for AVV	315	CN00127563	Added BAAN P/N for AVV
8	X		VPNHPF-10849-BE	CLUS ASY INSTR - ABS- AVV	FSNHPF010849-BE0E	CMNHPF010849-BE00	METER ASSY, COMB	make	1	-	-	-	-	-	1	-	-	Unit	AVI	SMART, ISS. BATT, ALARM. IND. ABS , TI	315	CN00127563	Added BAAN P/N for AVV
9	х		VPNHPF-10849-AE	CLUS ASY INSTR - STD - AVV	FSNHPF010849-AE1E	CMNHPF010849-AE00	METER ASSY, COMB	make	1	-	-	-	-	-	-	1	-	Unit	AVI	SMART, ISS. BATT, ALARM. IND. Non-ABS ,	315	CN00127563	Added BAAN P/N for AVV
10	x		VPNHPF-10849-BE	CLUS ASY INSTR - ABS- AVV	FSNHPF010849-BE1E	CMNHPF010849-BE00	METER ASSY, COMB	make	1	-		_	_	-	_		1	Unit	AVI	SMART, ISS. BATT, ALARM. IND. ABS , Maxim	315	CN00127563	Added BAAN P/N for AVV
10			VFINI IFT - 10048-DE	CECONOT INCINC NEO NOT	1014111010040 DE1E	CIMINIFI 010045-BE00	WETER ASST, COMB	make	-									Cint	****	PWBA for AVV 15X60 mm. Cert. No. D1K2SN0A. Cust. P/N:	313	01400121000	ACCOUNT OF THE PARTY OF THE PAR
11	x		VPNHPF-18B968-AE	LBL-RADO RECV IDENT	-			ref	2	1	-	-	-	1	-	-	-	pc(s)	Theia Digilab	37100-K2S -N011-M1, Visteon P/N: VPNHPF-			Revised Label Level due to Latest Customer Drawing
																		,	_	10849-AD, Destination: N0, QR Code , S/N K2SAN0TXXXX			
																				15X60 mm, Cert. No. D1K2SN1A, Cust. P/N: 37100-K2S -N111-M1, Visteon P/N: VPNHPF-			
12	X		VPNHPF-18B968-BE	LBL-RADO RECV IDENT	-			ref	2	-	1	-	-	-	1	-	-	pc(s)	Theia Digilab	10849-BD, Destination: N1, QR Code , S/N			Revised Label Level due to Latest Customer Drawing
	HH	H						-				H								K2SAN1TXXXX 15X60 mm. Cert. No. D1K2SN0A, Cust. P/N:			
13	x		VPNHPF-18B968-AE1	LBL-RADO RECV IDENT	-			ref	2	-	-	1	-	-	-	1	-	pc(s)	Theia Digilab	37100-K2S -N011-M1, Visteon P/N: VPNHPF- 10849-AD, Destination: N0, QR Code . S/N			Revised Label Level due to Latest Customer Drawing
																				K2SAN0MXXXX			
14			VPNHPF-18B968-BE1	LBL-RADO RECV IDENT				ref	2				.						Theia Digilab	15X60 mm, Cert. No. D1K2SN1A, Cust. P/N: 37100-K2S -N111-M1, Visteon P/N: VPNHPF-			Revised Label Level due to Latest Customer Drawing
14	^		VPINTPT-100900-DE1	LBL-RADO RECVIDENT	-			rer	2	-	-	-	'	-	-	-	'	pc(s)	тпена глупав	10849-BD, Destination: N1, QR Code , S/N K2SAN1MXXXX			revised capel Level due to calest Customer Drawing
15	X		VPDZ4F-19G406-AA	SCREW TAPPING 3X14	CMDZ4F19G406-AA00	90314-KVS -F220-M2	SCREW TAPPING M3X14	buy	2	10	10	10	10	10	10	10	10	pc(s)	Nitto Alam	M3x14, MFZn2-H-C			
16	v		VPNHPF-10C845-AB	LNS ASY-I/CLUS - AVI	FPNHPF10C845-AB0R	37212-K2S -N010-M1	LENS ASSY	make	2	4	-	1	-	0	0	0	0	pc(s)	AVI	Lens, Anti FOG, Knob, Glue	66	CN00123813	Change customer P/N due to updated drawing
10	^			LNS ASY-I/CLUS - AVV	FPNHPF10C845-AB0R			make	2	-	-	-		U	U	U	U	pc(s)			00	CN00123813	Added RAAN P/N for AVV
17	X		VPNHPF-10C845-AB			CMNHPF10C845-AB00	LENS ASSY	make	2	U	0	U	U	1	1	1	1	pc(s)	AVI	Lens, Anti FOG, Knob, Glue for AVV	66	01100120010	
18	$\perp \perp \perp$	х	VPNHPF-10B885-AB	LNS-I/CLUS MN	CMNHPF10B885-AB00			buy	3	1	1	1	1	1	1	1	1	pc(s)	ASKI	PMMA Sumipex MH 10% Smoked	66	CN00123813	Upsuffix due to updated lens thickness from 3mm to 2mm
19		Х	VP9BQF-19D543-AA	ANTI FOG COATING MATERIAL				buy	3	0,325	0,325	0,325	0,325	0,325	0,325	0,325	0,325	ml	Yamamitsu Oil				Update qty
20		х	AVI-0000014	AQUA DESTILATED WATER	-			buy	3	0,975	0,975	0,975	0,975	0,975	0,975	0,975	0,975	ml	Cap Singa Jakarta				Update qty
21		х	VPNHPF-17A381-AB	KB-ODOM RST CONTR-SEL	CMNHPF17A381-AB00			buy	3	1	1	1	1	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
22		х	VPNHPF-17A381-BB	KB-ODOM RST CONTR-SET	CMNHPF17A381-BB00			buy	3	1	1	1	1	1	1	1	1	pc(s)	KPS	EPDM, Black, 50 +/-5 IRHD 31 x 16.6 x 11.2	2.5	CN00126170	Update CN number due to drawing updated
23	HH	х	00363670-010000	CEMEDINE SUPER X 8008	CODICHCEMEDI-1109			buy	2	0.96	0,96	0,96	0,96	0,96	0,96	0,96	0,96	ml	Kyoei Denki Trading	mm. Flange + Undercut Sealing			Change unit align with packaging condition
-	H+	^	+				CASE ASSY		2	0,50	0,50	0,50	0,30		0,90	0,90	0,50		, ,	Glue CEMEDINE SUPER X - NO. 8008		CN00117904	
24	Х		VPJHPF-10A894-BC	CVR ASY-I/CLUS OPG	FPJHPF10A894-BC0R	37213-K2S -N010-M1		make	2	1	1	1	1	0	0	0	0	pc(s)	AVI	Rear Cover, vent filter, gasket, K59J		CN00117904	Change customer P/N due to updated drawing
25	Х		VPJHPF-10A894-BC	CVR ASY-I/CLUS OPG	FPJHPF10A894-BC0E	CMJHPF10A894-BC00	CASE ASSY	make	2	0	0	0	0	- 1	1	1	1	pc(s)	AVI	Rear Cover, vent filter, gasket for AVV		CN00117904	Added BAAN P/N for AVV
26		x	VPJHPF-10A855-BC	CVR-I/CLUS HSG	CMJHPF10A855-BC01	37100-K59 -A700-24	CASE LOWER	buy	3	1	1	1	1	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)
27		х	VPEBQF-19N551-AB	FLTR-VEN AIR	CMEBQF19N551-AB00			buy	3	4	4	4	4	4	4	4	4	pc(s)	Flexi Component	Ambic Himelon, di=6, do=10, adhesive nitto 5015.			
28		х	VPJHPF-10A949-AB	GSKT-I/CLUS	CMJHPF10A949-AB00	37202-K59 -A710-M1	PACKING	buy	3	1	1	1	1	1	1	1	1	pc(s)	KPS	EPDM SPONGE, di=3,25mm l=403mm			
29	х		VPNHPF-10B895-AE	DI ASY-I/CLUS MN - STD - AVI	FPNHPF10B895-AE0R	37210-K2S -N010-M1	METER COMP	make	2	1	-	- 1	-					pc(s)	AVI	K2SA, SMART, ISS. BATT, ALARM. Non-ABS.		CN00127439	Upsuffix due to PWBA Update
30	Y		VPNHPF-10B895-BE	DI ASY-I/CLUS MN - ABS - AVI	FPNHPF10B895-BE0R	37210-K2S -N110-M1	METER COMP	make	2		1	_					_	pc(s)	AVI	IND.		CN00127439	Upsuffix due to PWBA Update
31	, A		VPNHPF-10B895-AE	DI ASY-I/CLUS MN - STD - AVI	FPNHPF10B895-AE1R	37210-K2S -N010-M1	METER COMP	make	2			1							AVI	K2SA, SMART, ISS. BATT, ALARM. ABS. IND. K2SA, SMART, ISS. BATT, ALARM. Non-ABS.		CN00127439	Upsuffix due to PWBA Update
-	Α.									-	-	1	-	-	-	-	-	pc(s)		IND.			
32	Х		VPNHPF-10B895-BE	DI ASY-I/CLUS MN - ABS - AVI	FPNHPF10B895-BE1R	37210-K2S -N110-M1	METER COMP	make	2	-	-	-	1	-	-	-	-	pc(s)	AVI	K2SA, SMART, ISS. BATT, ALARM. ABS. IND.		CN00127439	Upsuffix due to PWBA Update
33	X		VPNHPF-10B895-AE	DI ASY-I/CLUS MN - STD - AVI	FPNHPF10B895-AE0E	CMNHPF10B895-AE00	METER COMP	make	2	-	-	-	-	1	-	-	-	pc(s)	AVI	SMART, ISS. BATT, ALARM. Non-ABS. IND. for AVV		CN00127439	Added BAAN P/N for AVV
34	X		VPNHPF-10B895-BE	DI ASY-I/CLUS MN - ABS - AVI	FPNHPF10B895-BE0E	CMNHPF10B895-BE00	METER COMP	make	2	-	-	-	-	-	1	-	-	pc(s)	AVI	SMART, ISS. BATT, ALARM. ABS. IND. for AVV		CN00127439	Added BAAN P/N for AVV
35	X		VPNHPF-10B895-AE	DI ASY-I/CLUS MN - STD - AVI	FPNHPF10B895-AE1E	CMNHPF10B895-AE00	METER COMP	make	2	-	-	-	-	-	-	1	-	pc(s)	AVI	SMART, ISS. BATT, ALARM. Non-ABS. IND. for AVV		CN00127439	Added BAAN P/N for AVV
36	х		VPNHPF-10B895-BE	DI ASY-I/CLUS MN - ABS - AVI	FPNHPF10B895-BE1E	CMNHPF10B895-BE00	METER COMP	make	2	-	-	-	-	-	-	-	1	pc(s)	AVI	SMART, ISS. BATT, ALARM. ABS. IND.for AVV		CN00127439	Added BAAN P/N for AVV
37		х	VPNHPF-10E865-AB	DI & APLQ ASY	CMNHPF10E865-AB00			buy	3	1	0	1	0	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		CN00123813	Change part number due to Hair Line Graphics updated
	++		t		1			- 1												PC SHEET-1mm thk 6 layer assy with EPDM BLACK			
38	Ш	X	VPNHPF-10E865-BB	DI & APLQ ASY	CMNHPF10E865-BB00			buy	3	0	1	0	1	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
39		х	VPNHPF-10E853-AB	APLQ-I/CLUS DI	CMNHPF10E853-AB00	37201-K2S -N010-M1	DIAL DESIGN	ref	4	1	0	1	0	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
40	H	х	VPNHPF-10E853-BB	APLQ-I/CLUS DI	CMNHPF10E853-BB00	37201-K2S -N110-M1	DIAL DESIGN	ref	4	0	1	0	1	0	1	0	1	pc(s)	Fuji Name	PC SHEET-1mm thk 6 layer assy, SMART, ISS. BATT ALARM ARS		CN00123813	Update part type as reference due to avoid misunderstanding
41	${\sf H}{\sf H}$	х	VPGZKF-10886-AA	CUSHION				ref	4	4	4	4	4	4	4	4	4	pc(s)	Foamtec			CN00123813	Add as reference due to avoid misunderstanding
42	H	v	VP.IHPF-10D922-AA	DSPLY ASY-FLETR INSTRIND	CM.IHPF10D922-AA00	37100-K59 -A700-21	LCD ASSY	buy	2	+	-	1	-	- 1	-	1	-	pc(s)		EPDM BLACK 1.2 x 2 x 21mm TN Negative, 36pin, Glass 106.2 x 33.1 x 2.7mm		2	
	\vdash	^				3/100-K59 -A/00-21	LCD ASSY	-	3	-							-		RCL Display	thk		-	
43		Х	VPJHPF-19A023-AC	FLTR RADO RECVR DI LT	CMJHPF19A023-AC00			buy	3	1	1	1	1	1	1	1	1	pc(s)	Fuji Name	PC SHEET, 3 layer 114.2 x 33.5 x 0.5mm thk			
44	Ш	х	VPNHPF-10B978-AB	PLT-I/CLUS IND MTNG - AVI	CMNHPF10B978-AB00			buy	3	1	1	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
45	Ш	х	VPJHPF-17C265-AB	RET-ODOM RST CONTR KB	CMJHPF17C265-AB00	37203-K59-A710-M1	TRIP ROD	buy	3	2	2	2	2	2	2	2	2	pc(s)	ASKI	PP-T30, BLACK, IA920T GSC,Ø3.9 x 22.9 mm	0,2	<u> </u>	Change level and position refer to customer drawing
46	П	х	VPNHPF-15K520-AC	ENHANCED BOARD ASSY- STD	SSNHPF15K520-AC0M			make	3	1	0	0	0	1	0	0	0	pc(s)	-	BD Asy, Non-ABS, SW 02.03		CN00126321	Upsuffix due to gerber change for LCD connector shifting
47	ĦĦ	х	VPNHPF-15K520-BC	ENHANCED BOARD ASSY- ABS	SSNHPF15K520-BC0M			make	3	0	1	0	0	0	1	0	0	pc(s)				CN00126321	Upsuffix due to gerber change for LCD connector shifting
48		х	VPNHPF-15K520-JB	ENHANCED BOARD ASSY- STD	SSNHPF15K520-JB0M			make	3	0	0	1	0	0	0	1	0	pc(s)		BD Asy, ABS, SW 02.03		CN00127439	New Suffix due to EMC improvement
49	H	v	VPNHPF-15K520-KB	ENHANCED BOARD ASSY- ABS	SSNHPF15K520-KB0M			make	2	0	0	0	-	0	0	0	-	pc(s)		BD Asy, Non-ABS, SW 02.03		CN00127439	New Suffix due to EMC improvement
	$\vdash \vdash$	^			SONDER LOKSZU-KBOM				3	U	U	U		U	U	U	-	pc(s)	-	BD Asy, ABS, SW 02.03		UNUU127439	·
54	X		VENHPF-10849-AA	K2SA ES/TCS				ref	2	1	1	1	1	1	1	1	1	pc(s)				l .	Added due to updated bom

: change

Bill Of Material



Part Name : Instrument Cluster

Customer : HVN Model : K2SG

Revision Status : Mass Pro

: AVV

: 17 May 2022 : 5 (CN00127718/CN00127717)

: K2SA Consolidated BOM -F-0081 ver4.5 - 20220128

Prepared by, Prepared by, Approved by,

January States Sta

											Varian	t (Qty)						
Li	e No.	Leve	21	Part Number	Description	BAAN Part Number	Customer Part Number	Customer Part Name	Part Type	Level	STD	ABS	Unit	Supplier	Spec	Mass (gr)	CN#	Note
N	x=4	1 2 3	4 5	Max=22	Max=30	Max=17			Type	Max=2	(N0)	(N1)						
	1		3	37100-K2S -N011-M1	METER ASSY COMB				make	0	1	,	Unit	AVV	SMART, ISS. BATT, ALARM. Non-ABS. IND. Certification Number D1K2SN0A	315	M-22-F0081	
	2		3	37100-K2S -N111-M1	METER ASSY COMB	-			make	0	-	1	Unit	AVV	SMART, ISS. BATT, ALARM. ABS. IND. Certification Number D1K2SN1A	315	M-22-F0081	
	3	х	1	VPNHPF-10849-AE	CLUS ASY INSTR - STD - AVV	FSNHPF010849-AE2M	37100-K2S -N011-M1	METER ASSY, COMB	make	1	1	-	Unit	AVV	SMART, ISS. BATT, ALARM. IND. Non-ABS , TI PWBA	315	CN00127563	
	4	х	\	VPNHPF-10849-BE	CLUS ASY INSTR - ABS- AVV	FSNHPF010849-BE2M	37100-K2S -N111-M1	METER ASSY, COMB	make	1	-	1	Unit	AVV	SMART, ISS. BATT, ALARM. IND. ABS , TI PWBA	315	CN00127563	
	5	x	1	VPNHPF-10849-AE	CLUS ASY INSTR - STD - AVV	CMNHPF010849-AE00		METER ASSY, COMB	buy	1	1		Unit	AVI	SMART, ISS. BATT, ALARM. IND. Non-ABS , TI PWBA	315	CN00127563	
	6	х	\	VPNHPF-10849-BE	CLUS ASY INSTR - ABS- AVV	CMNHPF010849-BE00		METER ASSY, COMB	buy	1	-	1	Unit	AVI	SMART, ISS. BATT, ALARM. IND. ABS , TI PWBA	315	CN00127563	
	7		3	37212-K2S -N010-M1	LENS ASSY			LENS ASSY	make	2	1	1	pc(s)	AVV	SMART, ISS. BATT, ALARM. IND. Non-ABS	66	CN00123813	
	8	х	1	VPNHPF-10C845-AB	LNS ASY-I/CLUS - AVI	FPNHPF10C845-AB1R		LENS ASSY	make	2	1	1	pc(s)	AVV	SMART, ISS. BATT, ALARM. IND. Non-ABS	66	CN00123813	
	9	х	1	VPNHPF-10C845-AB	LNS ASY-I/CLUS - AVI	CMNHPF10C845-AB00		LENS ASSY	buy	2	1	1	pc(s)	AVI	SMART, ISS. BATT, ALARM. IND. Non-ABS	66	CN00123813	
	10		3	37213-K2S -N010-M1	CASE ASSY			CASE ASSY	make	2	1	1	pc(s)	AVV	Rear Cover, vent filter, gasket		CN00117904	
	11	х	١	VPJHPF-10A894-BC	CVR ASY-I/CLUS OPG	FPJHPF10A894-BC1R		CASE ASSY	make	2	1	1	pc(s)	AVV	Rear Cover, vent filter, gasket		CN00117904	
	12	х	١	VPJHPF-10A894-BC	CVR ASY-I/CLUS OPG	CMJHPF10A894-BC00		CASE ASSY	buy	2	1	1	pc(s)	AVI	Rear Cover, vent filter, gasket		CN00117904	
	13		3	37210-K2S -N010-M1	METER COMP			METER COMP	make	0	1	-	pc(s)	AVV	SMART, ISS. BATT, ALARM. Non-ABS. IND.		CN00127439	
	14		3	37210-K2S -N110-M1	METER COMP			METER COMP	make	0	-	1	pc(s)	AVV	SMART, ISS. BATT, ALARM. ABS. IND.		CN00127439	
	15	х	\	VPNHPF-10B895-AE	DI ASY-I/CLUS MN - STD - AVI	FPNHPF10B895-AE2R		METER COMP	make	1	1		pc(s)	AVV	SMART, ISS. BATT, ALARM. Non-ABS. IND.		CN00127439	
	16	Х		VPNHPF-10B895-BE	DI ASY-I/CLUS MN - ABS - AVI	FPNHPF10B895-BE2R		METER COMP	make	1	-]	1	pc(s)	AVV	SMART, ISS. BATT, ALARM. ABS. IND.		CN00127439	
	17	х	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	VPNHPF-10B895-AE	DI ASY-I/CLUS MN - STD - AVI	CMNHPF10B895-AE00		METER COMP	buy	2	1	-	pc(s)	AVI	SMART, ISS. BATT, ALARM. Non-ABS. IND.		CN00127439	_
	18	Х	١	VPNHPF-10B895-BE	DI ASY-I/CLUS MN - ABS - AVI	CMNHPF10B895-BE00		METER COMP	buy	2	-	1	pc(s)	AVI	SMART, ISS. BATT, ALARM. ABS. IND.		CN00127439	

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

Bill Of Material



Part Name : PWBA
Customer : AHM, HVN
Model : K2SA/K2SG
Revision Status : Mass Pro

Plant Code Date Revision No Ref. Docs. : AVI : 17 May 2022

: 5 (CN00127718/CN00127717) : K2SA Consolidated BOM -F-0081 ver4.5 - 20220128

Prepa	ared by,	Prepared by,	Approved by,	Ŀ
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Jemy A	Akvianto	Bimo Prakoso	M. S. Syahied Fauzy	1
Mechanic	al Engineer	Electrical Engineer	Dept Head App Engineer	Γ

	Lev	el						Otv (TLIC)	Oty (Max	xim IC)							
No. 0	1 2	3 4 5	Part Number	BAAN Part Number	Description	Part Type	Level	STD (NO)	ABS (N1)	STD (NO)	ABS (N1)	Unit	Spec	Packin g	Maker	MPN	CN#	Change Descriptions
-	-	х	VPNHPF-15K520-AC	SSNHPF15K520-ACOM	ENHANCED BOARD ASSY- STD	maka	2	(NU)	(N1)	(NU)	(N1)	nc					CN00126321	Up Suffix P/N
2			VPNHPF-15K520-AC VPNHPF-15K520-BC	SSNHPF15K52U-ACUM SSNHPF15K52U-BCOM	ENHANCED BOARD ASSY- ABS	make	3	0	1	0	0	pc		-			CN00126321 CN00126321	
3			VPNHPF-15K520-JB	SSNHPF15K520-JB0M	ENHANCED BOARD ASSY- STD	make	3	0	0	1	0			-				New Suffix due to EMC Improvement
			VPNHPF-15K520-JB VPNHPF-15K520-KB	SSNHPF15K52U-JBUM SSNHPF15K52U-KB0M	ENHANCED BOARD ASSY- ABS	make	3	0	0	0	1	pc						New Suffix due to EMC Improvement New Suffix due to EMC Improvement
- 4		^ _		SSINTPF15K52U-KBUMI	SYSTEM SOFTWARE VERSION	ref	4		Ref		Ref	pc Ref	03.03.04					
5		X	SWD10-28638-002				4	Ref	Ker O	Ref	кет		02.03.01				CN00123813	
6		х	VPNHPF-14B115-AD	SSNHPF14B115-AD0M	BD ASY PRNT WIR / PWB Assembly - K2SA - STD	make		1	v	1	U	pc(s)					CN00126321	Upsuffix due to gerber change for LCD connector shifting
			VPNHPF-14B115-BD	SSNHPF14B115-BD0M	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
			VPNHPF-14B115-JB	SSNHPF14B115-JB0M	BD ASY PRNT WIR / PWB Assembly - K2SA - STD	make	4	0	0	1	0	pc(s)						New Suffix due to EMC Improvement
			VPNHPF-14B115-KB	SSNHPF14B115-KB0M	BD ASY PRNT WIR / PWB Assembly - K2SA - ABS	make	4	0	0	0	1	pc(s)					CN00127439	New Suffix due to EMC Improvement
10		Х	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		X	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		PWB26356	Kinyip		New Component due to implemntation Maxim IC
			AVI-0001297	COIDMKLBLBNK-0358	Label Blank (8x8)mm	buy	5	1,33	1,33	1,33	1,33	pc(s)			Prolabel	8x8 mm		
			AVI-0001378	COIDMKRIBFAC-1743	Ribbon Face Out	buy	5	16,5	16,5	16,5	16,5	mm			Kahar Duta Sarana	Ribbon Face Out		
	ш	X	AVI-0003157	CODICHSOLIND-1110	Solder Paste SAC 305 Indium 89 HFA	buy	5	0,0015	0,0015	0,0015	0,0015	kg			Indium	89 HFA		
15	ш	Х	AVI-0001265	CODICHLEADBA-1108	Lead Free Bar 96.5 Sn/3 Ag/0.5 Cu	buy	5	0,0001995	0,0001995	0,0001995	0,0001995	kg			Alpha Metal	SAC (96.5 Sn/3 Ag/0.5 Cu)		
16	$\perp \perp \perp$	Х	AVI-0001272	CODICHLFTS10-0354	Flux Tamura EC-19S-10	buy	5	0,03	0,03	0,03	0,03	ml			Tamura	EC-19S-10		
		Х	AVI-0002101	CODICHCEMEDI-1109	Cemedine Super X No.8008	buy	5	0,0704	0,0704	0,0704	0,0704	ml			Cemedine	SuperX8008		
18	ш	Х	AVI-0004789	CODIOTSHINET-2113	ROHS Conformal Coating Shinetsu KE-3423	buy	5	0,4	0,4	0,4	0,4	gram			Shin Etsu	KE-3423		
		Х	157F-18B921-VA	CE1S7F18B921-VA00	CONN-,P/T - Pin Headers,6,Vertical,Surface Mount	buy	5	0	0	0	0	pc(s)		Reel	Molex	15-91-1062		Remove 6 pin debugger
20	ш	Х	P100009BFDZCAD	CEP100009BFD-ZCAD	RES-TF,0R,,,,155.0C,0603	buy	5	3	3	3	3	pc(s)		Reel	Kamaya	RMC1/16JPTP		
		Х	P100009BFEZAAC	CEP100009BFE-ZAAC	RES-TF,,,,,155.0C,0805	buy	5	4	4	4	4	pc(s)		Reel	Kamaya	RMC1/10JPTP		
22	ш	х	P100009BFFZAAE	CEP100009BFF-ZAAE	RES-TF,,,,,155.0C,1206	buy	5	3	3	3	3	pc(s)		Reel	Kamaya	RMC1/8JPTP		Add quantity due to EMC test result
23	ш	х	P110015BFEMAAC	CEP110015BFE-MAAC	RES-TF,10R,5%,125.0mW,200.0,155.0C,0805	buy	5	1	0	1	0	pc(s)		Reel	Kamaya	RMC1/10-100JTP		
24	ш	Х	P110023BFENAAC	CEP110023BFE-NAAC	RES-TF,100R,1%,125.0mW,100.0,155.0C,0805	buy	5	1	0	1	0	pc(s)		Reel		RMC1/10K1000FTP		
25	ш	х	P110035BFDMCAD	CEP110035BFD-MCAD	RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	buy	5	9	6	9	6	pc(s)		Reel	Kamaya	RMC1/16-102JTP		
26			P110035BFNMDAB	CEP110035BFN-MDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRAY	buy	5	9	9	9	9	pc(s)		Reel	Kamaya	RACA104D102JCTH		
	ш		P110045BFDMCAD	CEP110045BFD-MCAD	RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	buy	5	4	4	4	4	pc(s)		Reel	Kamaya	RMC1/16-103JTP		
28	ш	х	P110047BFETAAC	CEP110047BFE-TAAC	RES-TF,10k,0.5%,125.0mW,50.0,125.0C,0805	buy	5	3	3	3	3	pc(s)		Reel	Kamaya	RGC1/10C1002DTP		
29		X	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		
	ш		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		
	ш	Х	P115013BFFNAAE	CEP115013BFF-NAAE	RES-TF,15R,1%,250.0mW,100.0,155.0C,1206	buy	5	1	0	1	0	pc(s)		Reel	Kamaya	RMC1/8K15R0FTP		
33		Х	P115033BFJNAAE	CEP115033BFJ-NAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	buy	5	16	16	16	16	pc(s)		Reel		RMC1/8K1501FTP		
		Х	P115035BFDMCAD	CEP115035BFD-MCAD	RES-TF,1.5k,5%,100.0mW,200.0,155.0C,0603	buy	5	1	0	1	0	pc(s)		Reel	Kamaya	RMC1/16-152JTP		
35		Х	P115035BFJMAAE	CEP115035BFJ-MAAE	RES-TF,1.5k,5%,250.0mW,200.0,155.0C,1206	buy	5	2	2	2	2	pc(s)		Reel	Kamaya	RMC1/8-152JTP		
		Х	P116035BFJMAAE	CEP116035BFJ-MAAE	RES-TF,1.6k,5%,250.0mW,200.0,155.0C,1206	buy	5	2	2	2	2	pc(s)		Reel	Kamaya	RMC1/8-162JTP		
37	ш	Х	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		X	P120033BFDNCAD	CEP120033BFD-NCAD	RES-TF,2k,1%,100.0mW,100.0,155.0C,0603	buy	5	1	0	1	0	pc(s)		Reel	Kamaya	RMC1/16K2001FTP		New component due to EMC test result
	ш		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		
			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		Х	P121035BFJMAAE	CEP121035BFJ-MAAE	RES-TF,2,1000k,5,0000%,250,000mW,200ppm/C,155,000C,1206	buy	5	0	0	0	0	pc(s)		Reel	Kamaya	RMC1/8K2101FTP		Change to P121033BFFNAAE due to NFND
42		Х	P121033BFFNAAE	CEP121033BFF-NAAE	RES-TF,2,1000k,1,0000%,250,000mW,100ppm/C,,1206	buy	5	4	4	4	4	pc(s)		Reel	Kamaya	RMC1/8K2101FTP		Change from P121035BFJMAAE
43			P122035BFEMAAC	CEP122035BFE-MAAC	RES-TF,2.2k,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	1	1	1	1	pc(s)		Reel	Kamaya	RMC1/10-222JTP		
			P122035BFJMAAE	CEP122035BFJ-MAAE	RES-TF,2,2000k,5,0000%,250,000mW,200ppm/C,155,000C,1206	buy	5	8	8	8	8	pc(s)		Reel	Kamaya	RMC1/8-222JTP		
		X	P124025BFDMCAD	CEP124025BFD-MCAD	RES-TF,240R,5%,100.0mW,200.0,155.0C,0603	buy	5	1	0	1	0	pc(s)		Reel	Kamaya	RMC1/16-241JTP		
46		Х	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		Х	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
	ш		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		
		Х	P130045BFEMAAC	CEP130045BFE-MAAC	RES-TF,30k,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	1	1	1	1	pc(s)		Reel	Kamaya	RMC1/10-303JTP		
51	ш	х	P130147BFETAAC	CEP130147BFE-TAAC	RES-TF,30.1k,0.5%,125.0mW,50.0,125.0C,0805	buy	5	3	3	3	3	pc(s)		Reel	Kamaya	RGC1/10C3012DTP		
		х	P133035BFFMAAE	CEP133035BFF-MAAE	RES-TF,3.3k,5%,250.0mW,200.0,155.0C,1206	buy	5	0	1	0	1	pc(s)		Reel	Kamaya	RMC1/8-332JTP		
53	ш	X	P139043BFDNCAD	CEP139043BFD-NCAD	RES-TF,39k,1%,100.0mW,100ppm/C,155.0C,0603	buy	5	1	0	1	0	pc(s)		Reel	Kamaya	RMC1/16K3902FTP		
		х	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	Kamaya	RMC1/16-472JTP		Change qty due to typo for Maxim IC implementation
55	ШΙ	х	P151035BFEMAAC	CEP151035BFE-MAAC	RES-TF,5.1k,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	3	3	3	3	pc(s)	<u> </u>	Reel	Kamaya	RMC1/10-512JTP		·
56	Ш	х	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		
			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
58	ш	х	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
		х	P168035BFDMCAD	CEP168035BFD-MCAD	RES-TF,6.8k,5%,100.0mW,200.0,155.0C,0603	buy	5	1	1	1	1	pc(s)		Reel	Kamaya	RMC1/16-682JTP		
60	ШΤ	Х	P168035BFEMAAC	CEP168035BFE-MAAC	RES-TF,6.8k,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	1	2	1	2	pc(s)		Reel	Kamaya	RMC1/10-682JTP		
61			P168045BFEMAAC	CEP168045BFE-MAAC	RES-TF,68k,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	3	3	3	3	pc(s)		Reel	Kamaya	RMC1/10-683JTP		
			P175025BFDMCAD	CEP175025BFD-MCAD	RES-TF,750R,5%,100.0mW,200.0,155.0C,0603	buy	5	9	9	9	9	pc(s)		Reel	Kamaya	RMC1/16-751JTP		
63	ШΤ	х	P191033BFDNCAD	CEP191033BFD-NCAD	RES-TF,9.1k,1%,100.0mW,100.0,155.0C,0603	buy	5	1	0	1	0	pc(s)		Reel	Kamaya	RMC1/16K9101FTP		Change to P168033BFDNCAD due to EMC test result
64	ШΤ	Х	P210040BFJAAAD	CEP210040BFJ-AAAD	CAP-CERM,10PF,5%,50V,COG,,0402	buy	5	1	0	1	0	pc(s)		Reel		UMK105CG100JVHF		
65	ШΤ	Х	P210247BFKAAAD	CEP210247BFK-AAAD	CAP-CERM,1,000NF,10,0000%,50,000V,X7R,,0402	buy	5	5	5	6	6	pc(s)		Reel	Taiyo Yuden	UMK105 B7102KVHF		Change qty due to implemntation Maxim IC
			P210268BFJA003	CEP210268BFJ-A003	CAP-CERM,1NF,20%,100V,COG,Spk Dis,0805	buy	5	5	3	5	3	pc(s)		Reel	Kemet	C0805C102M1GAC 3099		
		Х	P210347BFKAAAD	CEP210347BFK-AAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	buy	5	20	21	18	19	pc(s)		Reel	Taiyo Yuden	UMK105 B7103KVHF		Change qty due to EMC improvement
68	ШП	Х	P210347BFKAFAA	CEP210347BFK-AFAA	CAP-CERM,10,000NF,10,0000%,50,000V,X7R-FLEX,Poly Term,0603	buy	5	0	0	0	0	pc(s)			Murata	GCJ188R71H103KA01D		
			P210367BFKAFAB	CEP210367BFK-AFAB	CAP-CERM,10NF,10%,100V,X7R,Poly Term,0805	buy	5	8	9	8	9	pc(s)		Reel	AVX	08051C103K4Z2A		
			P210446BFKAABA	CEP210446BFK-AABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	buy	5	8	5	8	5	pc(s)		Reel	Kamaya	MT18B104J500CT		
		х	P210467BFKAFAB	CEP210467BFK-AFAB	CAP-CERM,100,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805	buy	5	8	6	8	6	pc(s)			Taiyo Yuden	HMJ212BB7104KGHT		
		Х	P210537BFKAABA	CEP210537BFK-AABA	CAP-CERM,1,000uF,10,0000%,25,000V,X7R,,0603	buy	5	1	1	1	1	pc(s)		Reel	TDK	CGA3E1X7R1E105KT0Y0E		
73	ШΤ	Х	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
		ш	K222608BFKEABB	CEK222608BFK-EABB	CAP-CERM,22,000uF,20,0000%,6,300V,X5R,,0805	buy	5	0	0	2	2	pc(s)		Reel	Taiyo Yuden	JMK212BBJ226MGHT		New Component due to implemntation Maxim IC
75		Х	P222146BFJAAAD	CEP222146BFJ-AAAD	CAP-CERM,220PF,5%,50V,C0G,,0402	buy	5	1	1	1	1	pc(s)		Reel	Kamaya	MT15N221J500CT		
		х	P222166BFJAFAB	CEP222166BFJ-AFAB	CAP-CERM,220PF,5%,100V,COG,Poly Term,0805	buy	5	2	2	2	2	pc(s)		Reel	Kemet	C0805X221J1GAC 3123		
77	ш	Х	P222367BFKAAAA	CEP222367BFK-AAAA	CAP-CERM,22NF,10%,100V,X7R,,0603	buy	5	1	0	1	0	pc(s)		Reel	Murata	GCM188R72A223KA37D		
78	ШΤ		P247066BFJA001	CEP247066BFJ-A001	CAP-CERM,47PF,5%,100V,C0G,Sole Sourced,0603	buy	5	0	0	0	0	pc(s)		Reel	Murata	GCM1885C2A470JA16D		
79	ПΤ	х	P247247BFKAAAD	CEP247247BFK-AAAD	CAP-CERM,4.7NF,10%,50V,X7R,,0402	buy	5	0	1	0	1	pc(s)		Reel	Taiyo Yuden	UMK105 B7472KVHF		
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Level						Qty (TI IC)	Qty (Ma	xim IC)							
	Part N	umber BAAN Part Number	Description	Part	Level	STD	ABS	STD	ABS	Unit	Spec	Packin	Maker	MPN	CN#	Change Descriptions
0 1 2 3	4 5			Type		(NO)	(N1)	(NO)	(N1)			В				
	X P247347BFKA	AD CEP247347BFK-AAAD	CAP-CERM,47NF,10%,50V,X7R,,0402	buy	5	1	1	1	1	pc(s)		Reel	Taiyo Yuden	UMK105B7473KVHF		
	X P28094ABFJA	AD CEP28094ABFJ-AAAD	CAP-CERM,8PF,1.25%,50V,COG,,0402	buy	5	1	1	1	1	pc(s)		Reel	Murata	GCM1555C1H8R0BA16D		
	X P29094BBFJA	AD CEP29094BBFJ-AAAD	CAP-CERM,9PF,0.56%,50V,COG,,0402	buy	5	1	1	1	1	pc(s)		Reel	Murata	GCM1555C1H9R0WA16D		
	X P410162CFCC	04 CEP410162CFC-C004	CAP-ALUM,100uF,20%,35V,,105.0C,SMD	buy	5	1	1	1	1	pc(s)		Reel	Nichicon	UWT1V101MCL1GS		
	X P422172CFDE	CEP422172CFD-EX00	CAP-ALUM,220uF,20%,50V,,105.0C,SMD	buy	5	1	1	1	1	pc(s)		Reel	Nichicon	UUD1H221MNL1GS		
	X P521002BFAL	00 CEP521002BFA-LX00	DIOD-TVS,27V,SOT-23	buy	5	1	0	1	0	pc(s)		Reel	Onsemi	SZMMBZ27VCLT3G		
	X P522018BFAA	CEP522018BFA-AX00	DIOD-RECT,200V,250mA,50ns,SOD323	buy	5	0	1	0	1	pc(s)		Reel	Nexperia	BAS321,115		
	X P540004BFAE	00 CEP540004BFA-EX00	DIOD-ZENER,4.7,5,SOD123	buy	5	0	1	0	1	pc(s)		Reel	Onsemi	SZMMSZ4688T1G		
	X P542004DFA/	CEP542004DFA-AX00	DIOD-RECT,400,000V,1,000A,1,800us,SMA	buy	5	9	9	9	9	pc(s)		Reel	Surge	AGS1G-13		
	X P611002BFBB	00 CEP611002BFB-BX00	XSTR-BP,P,80,000V,500,000mA,SOT-23	buy	5	3	3	3	3	pc(s)		Reel	Nexperia	PMBTA56,215		
	X P611002BFCB	HA CEP611002BFC-BAHA	XSTR-BP,PNP,-80,000V,-1,000A,SOT-89	buy	5	1	0	1	0	pc(s)		Reel	Nexperia	BCX53-10TX		
	X P611006BFBA	CEP611006BFB-AX00	XSTR-BP,N-Channel,80V,500mA,SOT-23	buy	5	2	3	2	3	pc(s)		Reel	Nexperia	PMBTA06,215		
	X P660303BFAA	COD CEP660303BFA-AX00	XSTR-BRES,NPN,50V,100mA,SOT-23	buy	5	5	5	5	5	pc(s)		Reel	Nexperia	PDTC143ZT,215		
	X P670009BFAA	CEP670009BFA-AX00	XSTR-BP,N-Channel,45V,100mA,SOT363	buy	5	1	0	1	0	pc(s)		Reel	Nexperia	BC847BS,115		
	X P671007BFBL	00 CEP671007BFB-LX00	XSTR-BP,comple,65V,100mA,SOT363	buy	5	1	0	1	0	pc(s)		Reel	Onsemi	SSVBC846BPDW1T1G		
	X P700034CFGE	(00 CEP700034CFG-BX00	IC-COMP,COMP,SOIC	buy	5	1	0	1	0	pc(s)		Reel	TI	LM2903QDRQ1		
	X P701156CFFC	00 CEP701156CFF-C000	IC-REG,VR_LIN,MSOP	buy	5	1	1	0	0	pc(s)		Reel	TI	TPS7A6650QDGNRQ1		
	X P700115CFFE	00 CEP700115CFF-E000	IC-REG,VR_ADJ,TDFN	buy	5	0	0	1	1	pc(s)		Reel	Maxim	MAX16910CATA8/V+		Add component for Maxim Gerber
	X P760591DFL0	00 CEP760591DFL-0000	IC-PROC ,LFQFP	buy	5	alt	alt	alt	alt	pc(s)		Tray	Renesas	R5F10CMELFB#H2G		add old P/N as alternate
	X P7605910FL0	01 CEP7605910FL-0001	IC-PROC ,LFQFP	buy	5	1	1	1	1	pc(s)		Tray	Renesas	R5F10CMECLFB#H2G		Update VPN due to SCR
	X P770056CFN0	000 CEP770056CFN-C000	IC-MEM,EEPROM,TSSOP	buy	5	1	1	1	1	pc(s)		Reel	ST Micro	M24C04-DRDW3TP/K		
	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		
	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		
	X PE12037BFA3	AA CEPE12037BFA-31AA	DIOD-LED,RED,P-LCC-2	buy	5	3	3	3	3	pc(s)		Reel	Osram	LST676-R1S1-1-Z (Q65110A2152)		
	X PE13002BFA3	00 CEPE13002BFA-3200	DIOD-LED,GREEN,SMD	buy	5	3	3	3	3	pc(s)		Reel	Nichia	NESG146AT-G-Cd1000,Cd1200,Cd1440		
	X PE13080BFA3	00 CEPE13080BFA-3400	DIOD-LED,WHITE,SMD	buy	5	4	4	4	4	pc(s)		Reel	Nichia	NESW146AT-F20-Cd1200,Cd1440		
	X PE18001CFA3	.00 CEPE18001CFA-3100	DIOD-LED,AMBER,P-LCC-2	buy	5	2	3	2	3	pc(s)		Reel	Osram	LYT676-S1T1-35 (Q6511QA3818)		
	X PE71017BFA3	00 CEPE71017BFA-3200	DIOD-LED,BLUE,(),(),SMD	buy	5	1	1	1	1	pc(s)		Reel	Nichia	NHSB146AT-W-Cd75,Cd90,Cd105		
	X PR35023BFG1	000 CEPR35023BFG-1000	RESON-XTAL,32.768kHz,10ppm,FU - Fundamental Mode,SMD	buy	5	1	1	1	1	pc(s)		Reel	NDK	EXS00A-MU00929		
	X PR80047BFH1	AEJ CEPR80047BFH-1AEJ	RESON-CERM,8MHz,0.5%,FU - Fundamental Mode,CSTNE	buy	5	1	1	1	1	pc(s)		Reel	Murata	CSTNE8M00G55A000R0		
	X PV000020FDK	000 CEPV000020FD-K000	RES-VAR,50,0J,16,000V,43,0V,125,000C,14MM DISK	buy	5	1	1	1	1	pc(s)		Reel	TDK	B72214S1140K561		
	X VPBZRF-13N2	3-AA CMBZRF13N203-AA00	SCREW BTP 3x6 3U (NITTO SEIKO)	buy	5	2	2	2	2	pc(s)		Box	Nitto	VPBZRF-13N203-AA		
	X VPEBQF-0857	BA CMEBQF000857-BA00	SWITCH TACT	buy	5	2	2	2	2	pc(s)		Reel	Panasonic	EVQPLH915		
-	X P220047BFJA	AD CEP220047BFJ-AAAD	CAP-CERM,20,000PF,10,0000%,50,000V,COG,,0402	buy	5	0	0	1	1	pc(s)			Murata	GCM1555C1H200JA16D		Change component value due to EMC improvement

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, HVN Date : 17 May 2022

Model : K2SA, K2SG Revision No : 5 (CN00127718/CN00127717)

Revision Statu: Mass Pro Ref. Docs. : K2SA Consolidated BOM -F-0081 ver4.5 - 20220128

Prepared by,	Prepared by,	Approved by,	[
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Jemy Akvianto	Bimo Prakoso	M. S. Syahied Fauzy	
Mechanical Engineer	Electrical Engineer	Dept Head App Engineer	

				Revision History	
Date	Revision no.	CN	CDSID	Description of contract of the	change
28-Dec-20	0		jakviant	Initial release	· · · · · · ·
				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
			zfiras	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
15-Apr-21	1 1			VPNHPF-10E865-AA => VPNHPF-10E865-BB	hairline graphic update
15-Apr-21	<u> </u>			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
			bprakoso	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
<u> </u>				- 37213-K2SA-N010-M1	added cust. p/n
04-Jun-21	1,1		zfiras	- SSNHPF15K520-AB0M	added baan p/n
				- SSNHPF15K520-BB0M	added baan p/n
15-Jun-21	1,2		zfiras	37100-K2SA-N011-M1 => 37100-K2SA-N012-M1	update p/n customer due drawing customer update
IJ-Juli-Zi	1,4		211145	37100-K2SA-N111-M1 => 37100-K2SA-N112-M1	update p/n customer due drawing customer update

Date	Revision no.	CN	CDSID	Description of change	
****		•		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	
			zfiras	VPNHPF-10B895-BB => VPNHPF-10849-BC	
			Zilias	Customer DWG Update	
				37100-K2SA-N012-M1 => 37100-K2SA-N013-M1	
				37100-K2SA-N112-M1 => 37100-K2SA-N113-M1	
01-Oct-21	2	CN00126321		Add TCS	
				- => VENHPF-10849-AA	
				Change BAAN P/N due to differentiate with K59J CVR	
				CMJHPF10A855-BC00 => CMJHPF10A855-BC01	
				Change PWB Board (Updated Gerber)	
				VPNHPF-14A608-AC => VPNHPF-14A608-AD	
				Updated PWBA P/N	
			bprakoso	VPNHPF-15K520-AB => VPNHPF-15K520-AC	
				VPNHPF-15K520-BB => VPNHPF-15K520-BC	
				VPNHPF-14B115-AC => VPNHPF-14B115-AD	
				VPNHPF-14B115-BC => VPNHPF-14B115-BD	
13-Oct-21	2,1	CN00126321	zfiras	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	
			zfiras	Implementation Maxim IC	
				- => VPNHPF-18B968-AD1	
02-Nov-21	3	CN00126411		- => VPNHPF-18B968-BD1	
U2-NOV-21	3	CN00120411		- => FSNHPF010849-AD1M	
				- => FSNHPF010849-BD1M	
				- => FPNHPF10B895-AD1R	
				- => FPNHPF10B895-BD1R	
				VPNHPF-10B895-AC => VPNHPF-10B895-AD	
			<u> </u>	VPNHPF-10B895-BC => VPNHPF-10B895-BD	
				- => VPNHPF-15K520-JA - => VPNHPF-15K520-KA	
			bprakoso	- => VPNHPF-14B115-JA - => VPNHPF-14B115-KA	
				- => VPNHPF-14B115-KA - => VPNHPF-14A608-BA	
				- => P700115CFFE000	

Date	Revision no.	CN	CDSID	Description of change
				Add Reference
				- => VPGZKF-10886-AA
12-Nov-21	3,1		zfiras	Label Desc.
				VPNHPF-10849-A_ => VPNHPF-10849-AD
				VPNHPF-10849-B => VPNHPF-10849-BD
				Change quantity for component for EMC improvement
				P210347BFKAAAD - CAP-CERM,10NF,10%,50V,X7R,,0402
				Add new component for EMC improvement
				P220047BFJAAAD - CAP-CERM,20,000PF,10,0000%,50,000V,C0G,,0402
			bprakoso	New Suffix due to EMC test result
			Sp. aocc	VPNHPF-15K520-JA => VPNHPF-15K520-JB
				VPNHPF-15K520-KA => VPNHPF-15K520-KB
				VPNHPF-14B115-JA => VPNHPF-14B115-JB
				VPNHPF-14B115-KA => VPNHPF-14B115-KB
				Up suffix cluster due to new PWBA
				VPNHPF-10849-BD => VPNHPF-10849-BE FSNHPF010849-BE0M => FSNHPF010849-BE0M
				VPNHPF-10849-AD => VPNHPF-10849-AE FSNHPF010849-AE1M => FSNHPF010849-AE1M
04-Jan-22	4	CN00127439		VPNHPF-10849-BD => VPNHPF-10849-BE FSNHPF010849-BE1M => FSNHPF010849-BE1M
				Up suffix cluster label due to change content
				VPNHPF-18B968-AD => VPNHPF-18B968-AE
				VPNHPF-18B968-BD => VPNHPF-18B968-BE
			jakviant	VPNHPF-18B968-AD1 => VPNHPF-18B968-AE1
				VPNHPF-18B968-BD1 => VPNHPF-18B968-BE1
				Up suffix cluster Inner case assy P/N due to PWBA P/N change
				VPNHPF-10B895-AD => VPNHPF-10B895-AE FPNHPF10B895-AD0R => FPNHPF10B895-AE0F
				VPNHPF-10B895-BD => VPNHPF-10B895-BE FPNHPF10B895-BD0R => FPNHPF10B895-BE0F
				VPNHPF-10B895-AD => VPNHPF-10B895-AE FPNHPF10B895-AD1R => FPNHPF10B895-AE1F
				VPNHPF-10B895-BD => VPNHPF-10B895-BE FPNHPF10B895-BD1R => FPNHPF10B895-BE1F
				New PWBA assy P/N Suffix due to EMC improvement
				VPNHPF-15K520-JA => VPNHPF-15K520-JB
				VPNHPF-15K520-KA => VPNHPF-15K520-KB
				Upsuffix Meter Assy Comb PN due to customer drawing (SPEC EMC
14-Jan-22	4.1	CN00127563 (Rev 4.2)	jakviant	37100-K2S -N010-M1 => 37100-K2S -N011-M1
				37100-K2S -N110-M1 => 37100-K2S -N111-M1
				Update Label content (Customer P/N) due to typo correction
				37100-K2S -N010-M1 => 37100-K2S -N011-M1
		CN00127718		37100-K2S -N110-M1 => 37100-K2S -N111-M1
28-Jan-22	4.2	/CN00127717 (Rev 4.4)	jakviant	Move Label Level from Case Assy to Meter Comp refer updated Custom
				Updated Drawing Revision number for latest DWG
				TBD => M-22-F0081
		CN00127713 (Rev 4.5)	†	(NOT IMPLEMENTED) Update Glue from 0,975 ml to REF according VETL request
03-Mar-22	4.3	CN00127713 (Rev 4.5)	jakviant	Move Label Level from inner case assy to cluster align with Latest customer drawing)
			-	Added Cluster BAAN PN for AVV
				VPNHPF-10849-AE FSNHPF010849-AE0E CMNHPF010849-AE00
				VPNHPF-10849-BE FSNHPF010849-BE0E CMNHPF010849-BE00
				VPNHPF-10849-AE FSNHPF010849-AE1E CMNHPF010849-AE00
				VPNHPF-10849-BE FSNHPF010849-BE1E CMNHPF010849-BE00
				Added Lens Assy BAAN PN due to AVV
				VPNHPF-10C845-AB
17-May-22	5	CN00127718/CN00127717	jakviant	Added Cover assy BAAN PN for AVV
		(Rev 4.5)		VPJHPF-10A894-BC FPJHPF10A894-BC0E CMJHPF10A894-BC00
				7. C. 1. 15. 150 1 50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Date	Revision no.	CN	CDSID		Description of o	hange
				Added Inner case assy BAAN PN f	or AVV	
				VPNHPF-10B895-AE	FPNHPF10B895-AE0E	CMNHPF10B895-AE00
				VPNHPF-10B895-BE	FPNHPF10B895-BE0E	CMNHPF10B895-BE00
				VPNHPF-10B895-AE	FPNHPF10B895-AE1E	CMNHPF10B895-AE10
				VPNHPF-10B895-BE	FPNHPF10B895-BE1E	CMNHPF10B895-BE10
				Newly add BOM for AVV (K2SG)		