




Bill Of Material

Part Name : Instrument Cluster
 Costumer : HVN/ HII
 Model : KORA/ KOSA/ KORF
 Revision Status : Mass Pro rev

Mfg Plant : AVV
 Date : 18 May 2022
 Revision No : 12.1 (01/4MC/2022 & 02/4MC/2022)
 Ref. Docs. : KORA KOSA Consolidated_BOM_CN00125193_A17_20220117

Prepared by:	Prepared by:	Approved by:
		
Jemy Akviano	Bimo Prakoso	M.S. Syahid Fauzy
Mechanical Engineer	Electrical Engineer	Dept Head App Engineer




Line No.	Level	Part Number	Description	BAAN Part Number	Customer Part Number	Customer Part Name	Part type	Level	Qty					Qty					Unit	Supplier	Spec	Dimension W x H x D (mm)	M. (gr)	CN#	Note	
									Meiko PWBA					AVI PWBA												
									KORA ABS	KORA NO ABS	KORF	KOSA ABS	KOSA NO ABS	KORA ABS	KORA NO ABS	KORF	KOSA ABS	KOSA NO ABS								
Max=4	0	1	2	3	4	5	Max=22	Max=30	Max=17	Max=17	Max=22	Max=30	Max=17	Max=22	Max=30	Max=17	Max=22	Max=30	Max=17	Max=22	Max=30	Max=17	Max=22	Max=30		
1	X		37100-KOR-V122-M1	METER ASSY COMB	-	-	make	0	1	-	-	-	-	1	-	-	-	-	Unit	AVV	KORA, With ABS, TC, TC OFF, Without B-CAN	243.8 x 162.3 x 87.7	505	M-21-F-1987	update due to new customer drawing release	
2	X		37100-KOR-V022-M1	METER ASSY COMB	-	-	make	0	-	1	-	-	-	-	1	-	-	-	Unit	AVV	KORA, Without ABS, TC, TC OFF, Without B-CAN	243.8 x 162.3 x 87.7	505	M-21-F-1987	update due to new customer drawing release	
3	X		37100-KOR-D011-M1	METER ASSY COMB	-	-	make	0	-	-	1	-	-	-	-	1	-	-	Unit	AVV	KORF, EU (UART) ABS, With TC, TC OFF	243.8 x 162.3 x 87.7	505	M-19-F-1290	update due to new customer drawing release	
4	X		37100-KOS-V122-M1	METER ASSY COMB	-	-	make	0	-	-	-	1	-	-	-	-	1	-	Unit	AVV	KOSA, With ABS, TC, TC OFF, With B-CAN	243.8 x 162.3 x 87.7	505	M-21-F-1987	update due to new customer drawing release	
5	X		37100-KOS-V022-M1	METER ASSY COMB	-	-	make	0	-	-	-	-	1	-	-	-	-	1	Unit	AVV	KOSA, Without ABS, TC, TC OFF, With B-CAN	243.8 x 162.3 x 87.7	505	M-21-F-1987	update due to new customer drawing release	
6	X		VPKXHF-10849-AP	CLUS ASY INSTR (KORA)	FSK0HF010849-APOM	37100-KOR-V122-M1	make	1	1	-	-	-	-	-	-	-	-	-	Unit	AVV	KORA, With ABS, TC, TC OFF Without B-CAN, MEIKO	243.8 x 162.3 x 87.7	505	CN00125193	Up suffix due to update child part number, Added Customer P/N	
7	X		VPKXHF-10849-BP	CLUS ASY INSTR (KORA)	FSK0HF010849-BPOM	37100-KOR-V022-M1	make	1	-	1	-	-	-	-	-	-	-	-	Unit	AVV	KORA, Without ABS, TC, TC OFF Without B-CAN, MEIKO	243.8 x 162.3 x 87.7	505	CN00125193	Up suffix due to update child part number, Added Customer P/N	
8	X		VPKXHF-10849-DM	CLUS ASY INSTR (KORF)	FSK0HF010849-DMOM	37100-KOR-D011-M1	make	1	-	-	1	-	-	-	-	-	-	-	Unit	AVV	KORF, EU (UART) ABS, With TC, TC OFF, MEIKO	243.8 x 162.3 x 87.7	505	CN00119486	Added Customer P/N	
9	X		VPKXHF-10849-EL	CLUS ASY INSTR (KOSA)	FSK0HF010849-ELOM	37100-KOS-V122-M1	make	1	-	-	-	1	-	-	-	-	-	-	Unit	AVV	KOSA, With ABS, TC, TC OFF, With B-CAN, MEIKO	243.8 x 162.3 x 87.7	505	CN00125193	Up suffix due to update child part number, Added Customer P/N	
10	X		VPKXHF-10849-FL	CLUS ASY INSTR (KOSA)	FSK0HF010849-FLIM	37100-KOS-V022-M1	make	1	-	-	-	-	1	-	-	-	-	-	Unit	AVV	KOSA, Without ABS, TC, TC OFF, With B-CAN, MEIKO	243.8 x 162.3 x 87.7	505	CN00125193	Up suffix due to update child part number, Added Customer P/N	
11	X		VPKXHF-10849-AP	CLUS ASY INSTR (KORA)	FSK0HF010849-APIM	37100-KOR-V122-M1	make	1	-	-	-	-	-	1	-	-	-	-	Unit	AVV	KORA, With ABS, TC, TC OFF Without B-CAN, PWBA AVI	243.8 x 162.3 x 87.7	505	014MC/2022	New P/N for PWBA AVI	
12	X		VPKXHF-10849-BP	CLUS ASY INSTR (KORF)	FSK0HF010849-BPIM	37100-KOR-V022-M1	make	1	-	-	-	-	-	-	1	-	-	-	Unit	AVV	KORF, Without ABS, TC, TC OFF Without B-CAN, PWBA AVI	243.8 x 162.3 x 87.7	505	014MC/2022	New P/N for PWBA AVI	
13	X		VPKXHF-10849-DM	CLUS ASY INSTR (KORF)	FSK0HF010849-DMIM	37100-KOR-D011-M1	make	1	-	-	-	-	-	-	-	1	-	-	Unit	AVV	KORF, EU (UART) ABS, With TC, TC OFF, PWBA AVI	243.8 x 162.3 x 87.7	505	014MC/2022	New P/N for PWBA AVI	
14	X		VPKXHF-10849-EL	CLUS ASY INSTR (KOSA)	FSK0HF010849-ELIM	37100-KOS-V122-M1	make	1	-	-	-	-	-	-	-	-	1	-	Unit	AVV	KOSA, With ABS, TC, TC OFF, With B-CAN, PWBA AVI	243.8 x 162.3 x 87.7	505	014MC/2022	New P/N for PWBA AVI	
15	X		VPKXHF-10849-FL	CLUS ASY INSTR (KOSA)	FSK0HF010849-FLIM	37100-KOS-V022-M1	make	1	-	-	-	-	-	-	-	-	-	1	Unit	AVV	KOSA, Without ABS, TC, TC OFF, With B-CAN, PWBA AVI	243.8 x 162.3 x 87.7	505	014MC/2022	New P/N for PWBA AVI	
16	X		VPKXHF-18B968-AP	LBL-RADO RECV IDENT	-	-	ref	2	1	0	0	0	0	0	0	0	0	0	pc(s)	AVV	UHT1-AA 60 x 15 mm + ribbon, VPN : VPKOHF-10849-AP Cust. PN: 37100-KOR-V122-M1	60 x 15 mm			Up suffix due to update cluster assy part number	
17	X		VPKXHF-18B968-BP	LBL-RADO RECV IDENT	-	-	ref	2	0	1	0	0	0	0	0	0	0	0	pc(s)	AVV	UHT1-AA 60 x 15 mm + ribbon, VPN : VPKOHF-10849-BP Cust. PN: 37100-KOR-V022-M1	60 x 15 mm			Up suffix due to update cluster assy part number	
18	X		VPKXHF-18B968-DM	LBL-RADO RECV IDENT	-	-	ref	2	0	0	1	0	0	0	0	0	0	0	pc(s)	AVV	UHT1-AA 60 x 15 mm + ribbon, Dest No. D1KORDGA VPN: VPKOHF-10849-DM Cust. PN: 37100-KOR-D011-M1	60 x 15 mm			Added Description VPN and Cust. PN	
19	X		VPKXHF-18B968-EL	LBL-RADO RECV IDENT	-	-	ref	2	0	0	0	1	0	0	0	0	0	0	pc(s)	AVV	UHT1-AA 60 x 15 mm + ribbon VPN : VPKOHF-10849-EL Cust. PN: 37100-KOS-V122-M1	60 x 15 mm			Up suffix due to update cluster assy part number	
20	X		VPKXHF-18B968-FL	LBL-RADO RECV IDENT	-	-	ref	2	0	0	0	0	1	0	0	0	0	0	pc(s)	AVV	UHT1-AA 60 x 15 mm + ribbon VPN : VPKOHF-10849-FL Cust. PN: 37100-KOS-V022-M1	60 x 15 mm			Up suffix due to update cluster assy part number	
21	X		VPKXHF-18B968-AP1	LBL-RADO RECV IDENT	-	-	ref	2	0	0	0	0	0	0	1	0	0	0	pc(s)	AVV	UHT1-AA 60 x 15 mm + ribbon, VPN : VPKOHF-10849-AP Cust. PN: 37100-KOR-V122-M1	60 x 15 mm		014MC/2022	New P/N for PWBA AVI	
22	X		VPKXHF-18B968-BP1	LBL-RADO RECV IDENT	-	-	ref	2	0	0	0	0	0	0	1	0	0	0	pc(s)	AVV	UHT1-AA 60 x 15 mm + ribbon, VPN : VPKOHF-10849-BP Cust. PN: 37100-KOR-V022-M1	60 x 15 mm		014MC/2022	New P/N for PWBA AVI	
23	X		VPKXHF-18B968-DM1	LBL-RADO RECV IDENT	-	-	ref	2	0	0	0	0	0	0	0	0	1	0	pc(s)	AVV	UHT1-AA 60 x 15 mm + ribbon, Dest No. D1KORDGA VPN: VPKOHF-10849-DM Cust. PN: 37100-KOR-D011-M1	60 x 15 mm		014MC/2022	New P/N for PWBA AVI	
24	X		VPKXHF-18B968-EL1	LBL-RADO RECV IDENT	-	-	ref	2	0	0	0	0	0	0	0	0	0	1	pc(s)	AVV	UHT1-AA 60 x 15 mm + ribbon VPN : VPKOHF-10849-EL Cust. PN: 37100-KOS-V122-M1	60 x 15 mm		014MC/2022	New P/N for PWBA AVI	
25	X		VPKXHF-18B968-FL1	LBL-RADO RECV IDENT	-	-	ref	2	0	0	0	0	0	0	0	0	0	1	pc(s)	AVV	UHT1-AA 60 x 15 mm + ribbon VPN : VPKOHF-10849-FL Cust. PN: 37100-KOS-V122-M1	60 x 15 mm		014MC/2022	New P/N for PWBA AVI	
26	X		VPKXHF-10C845-AD	LENS ASSY	FPIKXHF10C845-AD1R	37111-KOR-V010-M1	LENS	make	2	1	1	1	1	1	1	1	1	1	Unit	AVV	Lens applied antilog	243.8 x 152 x 54.5		CN00118241	Add service part number for LENS	
27	X		VPKXHF-10B885-AD	LENS-ICLUS MN	CMK0HF10B885-AD10	-	buy	3	1	1	1	1	1	1	1	1	1	1	Unit	SSP	PMMA Clear VHM01	243.8 x 152 x 54.5	101.90	02/4MC/2022	type correction	
28	X		VPBQBF-19D543-AC	ANTI FOG COATING MATERIAL	-	-	buy	3	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	ml	Yamamitsu Oil	Yamamitsu Oil, Glass shut.					update antilog usage due to toughness up foggy
19	X		VPKXHF-10A894-AF	CVT ASY-VICLUS OPG	FPIKXHF10A894-AF1R	37620-KOR-V010-M1	CASE UNDER ASSY	make	2	1	1	1	1	1	1	1	1	1	pc(s)	AVV	PP-TD30 BLACK IA920T, gasket, filter vent air.	243.8 x 162.3 x 87.7		CN00119486	Up suffix due to update child part number	
20	X		VPKXHF-10A855-AE	CVR-ICLUS HSG	CMK0HF10A855-AE10	-	buy	3	1	1	1	1	1	1	1	1	1	1	pc(s)	SSP	PP-TD30 BLACK IA920T	243.8 x 162.3 x 87.7		02/4MC/2022	Supplier changed due to EOP	
21	X		VPQZKF-19N551-AA	FLTR-VEN AIR	CMGZKF19N551-AA10	-	buy	3	5	5	5	5	5	5	5	5	5	5	pc(s)	NITTO	NITTO DENKO TEMISH, Black, DS tape :NITTO #5015	Ø12 X 0.8 X 0.15				
22	X		VPKXHF-19G288-AA	FOAM	CMK0HF19G288-AA10	-	buy	3	1	1	1	1	1	1	1	1	1	1	pc(s)	Inoue Rubber Thai	EPDM Sponge, Black, Hardness SG 5.5±0.1	Ø3.25 X L560		CN00115488	change description	
23	X		VPDZ4F-19G406-AA	SCREW -PTB 3X14 3U	CMGZ4F19G406-AA10	80314-FVS20-M2	SCREW TAPPING 3X14	buy	2	11	11	11	11	11	11	11	11	11	pc(s)	NITTO ALUM	SAE 1018/ SWRCH 18A	MX14MM				change quantity
24	X		VPKXHF-10B895-AN	DI ASY-VICLUS MN	FPIK0HF10B895-ANOR	37110-KOR-V120-M1	METER COMP, COMB	make	2	1	-	-	-	-	-	-	-	-	pc(s)	AVV	With ABS, TC, TC OFF, Without B-CAN, PWBA MEIKO	211.6 x 131.4 x 59.1		CN00125193	Up suffix due to LCD Unicorn	
25	X		VPKXHF-10B895-BN	DI ASY-VICLUS MN	FPIK0HF10B895-BNOR	37110-KOR-V020-M1	METER COMP, COMB	make	2	-	1	-	-	-	-	-	-	-	pc(s)	AVV	Without ABS, TC, TC OFF, Without B-CAN, PWBA MEIKO	211.6 x 131.4 x 59.1		CN00125193	Up suffix due to LCD Unicorn	
26	X		VPKXHF-10B895-DL	DI ASY-VICLUS MN	FPIK0HF10B895-DLOR	37110-KOR-D010-M1	METER COMP, COMB	make	2	-	-	1	-	-	-	-	-	-	pc(s)	AVV	EU (UART) ABS, Without TC, TC OFF, PWBA MEIKO	211.6 x 131.4 x 59.1		CN00119117	Up suffix due to software update	
27	X		VPKXHF-10B895-EK	DI ASY-VICLUS MN	FPIK0HF10B895-EKOR	37110-KOS-V120-M1	METER COMP, COMB	make	2	-	-	-	1	-	-	-	-	-	pc(s)	AVV	With ABS, TC, TC OFF, With B-CAN, PWBA MEIKO	211.6 x 131.4 x 59.1		CN00125193	Up suffix due to LCD Unicorn	
28	X		VPKXHF-10B895-FK	DI ASY-VICLUS MN	FPIK0HF10B895-FKOR	37110-KOS-V020-M1	METER COMP, COMB	make	2	-	-	-	-	1	-	-	-	-	pc(s)	AVV	Without ABS, TC, TC OFF, With B-CAN, PWBA MEIKO	211.6 x 131.4 x 59.1		CN00125193	Up suffix due to LCD Unicorn	
29	X		VPKXHF-10B895-AN	DI ASY-VICLUS MN	FPIK0HF10B895-AN1R	37110-KOR-V120-M1	METER COMP, COMB	make	2	-	-	-	-	-	1	-	-	-	pc(s)	AVV	With ABS, TC, TC OFF, Without B-CAN, PWBA AVI	211.6 x 131.4 x 59.1		014MC/2022	New P/N for PWBA AVI	
30	X		VPKXHF-10B895-BN	DI ASY-VICLUS MN	FPIK0HF10B895-BN1R	37110-KOR-V020-M1	METER COMP, COMB	make	2	-	-	-	-	-	-	1	-	-	pc(s)	AVV	Without ABS, TC, TC OFF, Without B-CAN, PWBA AVI	211.6 x 131.4 x 59.1		014MC/2022	New P/N for PWBA AVI	
31	X		VPKXHF-10B895-DL	DI ASY-VICLUS MN	FPIK0HF10B895-DL1R	37110-KOR-D010-M1	METER COMP, COMB	make	2	-	-	-	-	-	-	-	1	-	pc(s)	AVV	EU (UART) ABS, Without TC, TC OFF, PWBA AVI	211.6 x 131.4 x 59.1		014MC/2022	New P/N for PWBA AVI	
32	X		VPKXHF-10B895-EK	DI ASY-VICLUS MN	FPIK0HF10B895-EK1R	37110-KOS-V120-M1	METER COMP, COMB	make	2	-	-	-	-	-	-	-	-	-	pc(s)	AVV	With ABS, TC, TC OFF, With B-CAN, PWBA AVI	211.6 x 131.4 x 59.1		014MC/2022	New P/N for PWBA AVI	
33	X		VPKXHF-10B895-FK	DI ASY-VICLUS MN	FPIK0HF10B895-FK1R																					



Bill Of Material

Part Name : Instrument Cluster
Costumer : HVN/ HII
Model : K0RA/ K0SA/ K0RF
Revision Status : Mass Pro rev

Mfg Plant : AVV
Date : 18 May 2022
Revision No : 12.1 (01/4MC/2022 & 02/4MC/2022)
Ref. Docs. : K0RA_K0SA_Consolidated_BOM_CN00125193_A17_20220117

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

Line No.	Level					Part Number	Description	BAAN Part Number	Costumer Part Number	Costumer Part Name	Part type	Level	Qty					Qty					Unit	Supplier	Spec	Dimension W x H x D (mm)	Mass (gr)	CN#	Note
													Meiko PWBA					AVI PWBA											
													KORA ABS	KORA NO ABS	KORF	KISA ABS	KISA NO ABS	KORA ABS	KORA NO ABS	KORF	KISA ABS	KISA NO ABS							
Max=4	0	1	2	3	4	5	Max=22	Max=30	Max=17			Max=2																	
62				X			VPKXHF-19K520-KA	System & SW BOM	CMKXHF19K520-KA10		buy	3	0	0	0	0	0	0	1	0	0	0	pc(s)	AVI	Without ABS, TC, TC OFF, Without B-CAN, SW 01.17.01, AVI for Tramma LCD	182.8 X 121 X 32.8		01/4MC/2022	Dual Source PWBA Maker (AVI)
63				X			VPKXHF-19K520-MA	System & SW BOM	CMKXHF19K520-MA10		buy	3	0	0	0	0	0	0	0	0	1	0	pc(s)	AVI	With ABS, TC, TC OFF, With B-CAN, SW 01.17.01, AVI for Tramma LCD	182.8 X 121 X 32.8		01/4MC/2022	Dual Source PWBA Maker (AVI)
64				X			VPKXHF-19K520-NA	System & SW BOM	CMKXHF19K520-NA10		buy	3	0	0	0	0	0	0	0	0	0	1	pc(s)	AVI	Without ABS, TC, TC OFF, With B-CAN, SW 01.17.01, AVI for Tramma LCD	182.8 X 121 X 32.8		01/4MC/2022	Dual Source PWBA Maker (AVI)



Part Name : Instrument Cluster
Costumer : HVN/ HII
Model : KORA/ KOSA/ KORF
Revision Status : Mass Pro rev

Bill Of Material

Mfg Plant
Date
Revision No
Ref. Docs.

: AVV (Meiko EMS)
: 18 May 2022
: 12.1 (01/4MC/2022 & 02/4MC/2022)
: KORA_KOSA_Consolidated_BOM_CN00125193_A17_20220117

Prepared by,	Prepared by,	Approved by,
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Technical Engineer	Electrical Engineer	Dept Head App Engineer

Line No.	Level					Part Number	BAAN Part Number	Description	Part type	Level	Qty (LCD Tiamma)					Qty (LCD Unicorn)					Unit	Spec	CNI	Change Descriptions	Maker	MPN	
	0	1	2	3	4						KORA ABS	KORA NO ABS	KORF	KOSA ABS	KOSA NO ABS	KORA ABS	KORA NO ABS	KORF	KOSA ABS	KOSA NO ABS							
1	X					VPKHF-15K520-AA	CMKHF15K520-AA00	System & SW BOM	make	3	1											pc	With ABS W/O B-CAN for Tiamma LCD	CN00125193	PWBA + SW BOM		
2	X					VPKHF-15K520-BA	CMKHF15K520-BA00	System & SW BOM	make	3		1										pc	Without ABS W/O B-CAN for Tiamma LCD	CN00125193	PWBA + SW BOM		
3	X					VPKHF-15K520-DA	CMKHF15K520-DA00	System & SW BOM	make	3			1									pc	EU (UART) for Tiamma LCD	CN00125193	PWBA + SW BOM		
4	X					VPKHF-15K520-EA	CMKHF15K520-EA00	System & SW BOM	make	3				1								pc	With B-CAN ABS for Tiamma LCD	CN00125193	PWBA + SW BOM		
5	X					VPKHF-15K520-FA	CMKHF15K520-FA00	System & SW BOM	make	3					1							pc	Without B-CAN W/OABS for Tiamma LCD	CN00125193	PWBA + SW BOM		
6	X					VPKHF-15K520-JA	CMKHF15K520-JA00	System & SW BOM	make	3						1						pc	With ABS W/O B-CAN for Unicorn LCD	CN00125193	PWBA + SW BOM		
7	X					VPKHF-15K520-KA	CMKHF15K520-KA00	System & SW BOM	make	3							1					pc	Without ABS W/O B-CAN for Unicorn LCD	CN00125193	PWBA + SW BOM		
8	X					VPKHF-15K520-LA	CMKHF15K520-LA00	System & SW BOM	make	3								1				pc	EU (UART) for Unicorn LCD	CN00125193	PWBA + SW BOM		
9	X					VPKHF-15K520-MA	CMKHF15K520-MA00	System & SW BOM	make	3									1			pc	With B-CAN ABS for Unicorn LCD	CN00125193	PWBA + SW BOM		
10	X					VPKHF-15K520-NA	CMKHF15K520-NA00	System & SW BOM	make	3										1		pc	Without B-CAN W/OABS for Unicorn LCD	CN00125193	PWBA + SW BOM		
11	X					VPKHF-14B115-AH	CMKHF14B115-AH00	PWB ASSY - Type A	make	4	1											pc	With ABS W/O B-CAN	CN00118950	Up suffix due to component change		
12	X					VPKHF-14B115-BH	CMKHF14B115-BH00	PWB ASSY - Type B	make	4		1										pc	Without ABS W/O B-CAN	CN00118950	Up suffix due to component change		
13	X					VPKHF-14B115-DH	CMKHF14B115-DH00	PWB ASSY - Type D	make	4			1									pc	EU (UART)	CN00118950	Up suffix due to component change		
14	X					VPKHF-14B115-EH	CMKHF14B115-EH00	PWB ASSY - Type E	make	4				1								pc	With B-CAN ABS	CN00118950	Up suffix due to component change		
15	X					VPKHF-14B115-FH	CMKHF14B115-FH00	PWB ASSY - Type F	make	4					1							pc	Without B-CAN W/OABS	CN00118950	Up suffix due to component change		
16	X					VPKHF-14B115-JA	CMKHF14B115-JA00	PWB ASSY - Type J	make	4						1						pc	With ABS W/O B-CAN	CN00125193	Change Desc to differentiate with Tiamma LCD		
17	X					VPKHF-14B115-KA	CMKHF14B115-KA00	PWB ASSY - Type K	make	4							1					pc	Without ABS W/O B-CAN	CN00125193	Change Desc to differentiate with Tiamma LCD		
18	X					VPKHF-14B115-LA	CMKHF14B115-LA00	PWB ASSY - Type L	make	4								1				pc	EU (UART)	CN00125193	Change Desc to differentiate with Tiamma LCD		
19	X					VPKHF-14B115-MA	CMKHF14B115-MA00	PWB ASSY - Type M	make	4									1			pc	With B-CAN ABS	CN00125193	Change Desc to differentiate with Tiamma LCD		
20	X					VPKHF-14B115-NA	CMKHF14B115-NA00	PWB ASSY - Type N	make	4											1	pc	Without B-CAN W/OABS	CN00125193	Change Desc to differentiate with Tiamma LCD		
21	X					SWD100-26238-009R01		ROM : STD	Ref	2	Ref	Ref	Ref	Ref	Ref							file	SW 01.15.01	CN00119117	Update software version		
22	X					SWD102-26238-009R01		ROM : EU	Ref	2			Ref									file	SW 03.07.01	CN00119117	Update software version		
23	X					SWD100-26238-009N01		NVM IMAGE : STD	Ref	2	Ref	Ref	Ref	Ref	Ref							file	SW 01.15.01	CN00119117	Update software version		
24	X					SWD102-26238-009N01		NVM IMAGE : EU	Ref	2			Ref									file	SW 03.07.01	CN00119117	Update software version		
25	X					SWD100-26238-012R01		ROM : STD	Ref	2						Ref	Ref			Ref	Ref	file	SW 01.17.01	CN00125193	Update software version		
26	X					SWD102-26238-012R01		ROM : EU	Ref	2								Ref				file	SW 03.09.01	CN00125193	Update software version		
27	X					SWD100-26238-012N01		NVM IMAGE : STD	Ref	2						Ref	Ref			Ref	Ref	file	SW 01.17.01	CN00125193	Update software version		
28	X					SWD102-26238-012N01		NVM IMAGE : EU	Ref	2												file	SW 03.09.01	CN00125193	Update software version		
29	X					SWD100-26238-012X01		JUMP : TABLE	Ref	2	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	file	SW 03.09.01	CN00119117	Update software version		
30	X					VPKHF-14A06B-AE	CMKHF14A06B-AE00	PWB - Single (Daughter)	buy	5	1	1	1	1	1	0	0	0	0	0	0	pc(s)				Draco	PWB24981
31	X					VPKHF-14A06B-BA	CMKHF14A06B-BA00	PWB - Single (Daughter)	buy	5	0	0	0	0	0	1	1	1	1	1	1	pc(s)			Correction VPN	Draco	PWB24982
32	X					QDCC0245-AA	CE000C02045-AA00	CONN-C/M - Device Sockets & Vertical Surface Mount	buy	5	1	1	1	1	1	1	1	1	1	1	1	pc(s)				DRACO	QDCC0245-AA00
33	X					K222608BFEAAB	CEK222608BFEAAB	CAP-CERM 2.2uF,20%, 6.3V,35R_0805	buy	5	1	1	1	1	1	2	2	2	2	2	2	pc(s)				TAIYO	K222608BFEAAB
34	X					P1000058FEMAAC	CEP1000058FEMAAC	RES-TF_155.0C,0805	buy	5	1	1	1	1	1	2	2	2	2	2	2	pc(s)				KAMAYA	RMCI101PPT
35	X					P1000098FDZCAD	CEP1000098FDZCAD	RES-TF_0R_155.0C,0603	buy	5	10	10	9	13	12	10	10	9	13	12	10	pc(s)				KAMAYA	RMCI160PPT
36	X					P100098FZAEAA	CEP100098FZAEAA	RES-TF_155.0C,1206	buy	5	12	12	12	12	12	9	9	9	9	9	9	pc(s)				KAMAYA	RMCI180PPT
37	X					P10010158FEMAAC	CEP10010158FEMAAC	RES-TF_100K,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	1	1	3	1	1	1	1	3	1	1	1	pc(s)				KAMAYA	RMCI10100TPT
38	X					P10100238FENACD	CEP1000238FENACD	RES-TF_100K,1%,125.0mW,100ppm/C,155.0C,0805	buy	5	8	10	8	8	10	9	11	9	9	11	9	pc(s)				KAMAYA	RMCI16400TPT
39	X					P1010038FDMACD	CEP100038FDMACD	RES-TF_1k,5%,100.0mW,200ppm/C,155.0C,0603	buy	5	8	10	8	8	10	9	11	9	9	11	9	pc(s)				KAMAYA	RMCI17010TPT
40	X					P1010048FDMACD	CEP100048FDMACD	RES-TF_10k,5%,100.0mW,200ppm/C,155.0C,0603	buy	5	6	6	6	6	6	6	6	6	6	6	6	pc(s)				KAMAYA	RMCI17610TPT
41	X					P1010048FETACD	CEP100048FETACD	RES-TF_10k,5%,125.0mW,100ppm/C,155.0C,0805	buy	5	4	4	4	4	4	4	4	4	4	4	4	pc(s)				KAMAYA	RMCI100100TPT
42	X					P1010058FDMACD	CEP100058FDMACD	RES-TF_100k,1%,100.0mW,100ppm/C,155.0C,0603	buy	5	0	1	0	0	1	0	1	0	0	1	1	pc(s)				KAMAYA	RMCI16400TPT
43	X					P1010058FMAAE	CEP100058FMAAE	RES-TF_1k,5%,250.0mW,200ppm/C,155.0C,1206	buy	5	5	5	5	5	5	5	5	5	5	5	5	pc(s)				KAMAYA	RMCI16400TPT
44	X					P1010038FDMACD	CEP100038FDMACD	RES-TF_1.2k,1%,100.0mW,100ppm/C,155.0C,0603	buy	5	1	1	1	1	1	1	1	1	1	1	1	pc(s)				KAMAYA	RMCI16400TPT
45	X					P1010038FMAAE	CEP100038FMAAE	RES-TF_1.2k,5%,250.0mW,200ppm/C,155.0C,1206	buy	5	1	0	1	1	0	1	0	1	1	0	1	pc(s)				KAMAYA	RMCI16400TPT
46	X					P1010038FMAAE	CEP100038FMAAE	RES-TF_1.2k,5%,250.0mW,200ppm/C,155.0C,1206	buy	5	14	8	14	16	8	14	8	14	14	14	8	pc(s)				KAMAYA	RMCI18122TPT
47	X					P1010038FDMACD	CEP100038FDMACD	RES-TF_1.4k,1%,100.0mW,100ppm/C,155.0C,0603	buy	5	0	1	0	0	1	0	1	0	0	1	1	pc(s)				KAMAYA	RMCI16401TPT
48	X					P1010038FMAAE	CEP100038FMAAE	RES-TF_1.5k,1%,250.0mW,200ppm/C,155.0C,1206	buy	5	0	1	0	0	1	0	1	0	0	1	1	pc(s)				KAMAYA	RMCI18K150TPT
49	X					P1010038FDMACD	CEP100038FDMACD	RES-TF_1.5k,5%,250.0mW,200ppm/C,155.0C,0603	buy	5	0	1	0	0	1	0	1	0	0	1	1	pc(s)				KAMAYA	RMCI17615TPT
50	X					P1010038FMAAE	CEP100038FMAAE	RES-TF_1.5k,5%,250.0mW,200ppm/C,155.0C,1206	buy	5																	

Line No.	Level	Part Number	BAAN Part Number	Description	Part type	Qty (LCD Tiamma)					Qty (LCD Unicorn)					Unit	Spec	CNI#	Change Descriptions	Maker	MPN	
						KORA ABS	KORA NO ABS	KORF	KOSA ABS	KOSA NO ABS	KORA ABS	KORA NO ABS	KORF	KOSA ABS	KOSA NO ABS							
104		X P6110018FCBX00	CEP6110018FC-BX00	XSTR-BP,P,80V,1A,SOT-89	buy	5	0	1	0	0	1	0	1	0	1	pc(s)				NEXPERIA	BCX53-10,135	
105		X P6110028FBIX00	CEP6110028FB-BX00	XSTR-BP,P,80V,500mA,SOT-23	buy	5	4	5	5	4	5	4	5	4	5	pc(s)				NEXPERIA	PM8TA56,215	
106		X P6110068FAA00	CEP6110068FA-A000	XSTR-BP,N-Channel,80V,500mA,SOT-23	buy	5	4	3	5	4	3	4	3	5	4	pc(s)				NEXPERIA	PM8TA56,215	
107		X P6603038FAA00	CEP6603038FA-A000	XSTR-BRES,NPN,50V,100mA,SOT-23	buy	5	6	4	6	6	4	6	4	6	6	4	pc(s)				NEXPERIA	POTC1432T,235
108		X P6700098FAA00	CEP6700098FA-A000	XSTR-BP,N-Channel,45V,100mA,SOT363	buy	5	0	1	0	0	1	0	1	0	0	1	pc(s)				NEXPERIA	BC84785,115
109		X P6703048FALX00	CEP6703048FA-LX00	XSTR-BRES,NPNPNP,50V,100mA,SOT363	buy	5	2	2	2	2	2	2	2	2	2	2	pc(s)				NEXPERIA	PUMD10,125
110		X P6710078FBLX00	CEP6710078FB-LX00	XSTR-BP,comple,65V,100mA,SOT363	buy	5	0	1	0	0	1	0	1	0	0	1	pc(s)				ONSEMI	SSVBC8468PQW1T1G
111		X P700034CTGB00	CEP700034CTG-BX00	IC-COMP,COMP,SOIC	buy	5	0	1	0	0	1	0	1	0	1	pc(s)				TI	LM29303DRQ1	
112		X P701156CTFC00	CEP701156CTF-C000	IC-REG,VIN,LIN,MSOP	buy	5	1	1	1	1	1	1	1	1	1	1	pc(s)				TI	TPS7A6650QDCNRQ1
113		X P710025CTB000	CEP710025CT-B000	IC-INTRF,TRANS,SOIC	buy	5	1	1	0	2	2	1	1	0	2	2	pc(s)				NXP	71A0517/CM
114		X P760571DFLC00	CEP760571DFL-C000	IC-PROC,MCU16,LQFP	buy	5	Alt	Alt	Alt	Alt	Alt	Alt	Alt	Alt	Alt	Alt	pc(s)	Reel		Change to Alternate due to supplier SCR	RENESAS	RSF10DPJLFBM96G
115		X P760571DFLC00	CEP760571DFL-C000	IC-PROC,MCU16,LQFP	buy	5	Alt	Alt	Alt	Alt	Alt	Alt	Alt	Alt	Alt	Alt	pc(s)	Tray			RENESAS	RSF10DPJLFBMH2G
116		X P760571DFL0001	CEP760571DFL-0001	IC-PROC,MCU16,LQFP	buy	4	1	1	1	1	1	1	1	1	1	1	pc(s)	Reel		MPN Correction	RENESAS	RSF10DPJCLFBH56G
117		X P760571DFL0001	CEP760571DFL-0001	IC-PROC,MCU16,LQFP	buy	4	Alt	Alt	Alt	Alt	Alt	Alt	Alt	Alt	Alt	Alt	pc(s)	Tray		MPN Correction	RENESAS	RSF10DPJCLFBH12G
118		X P770056CTN000	CEP770056CTN-C000	IC-MEM,EEPROM,TSSOP	buy	5	1	1	1	1	1	1	1	1	1	1	pc(s)				ST MICRO	M24C04-DRDWT1P/X
119		X PCB00412-AC	CD00PCB00412-AC00	CONN-/YD - Thru Hole Headers,24,Vertical,Thru hole	buy	5	1	1	1	1	1	1	1	1	1	1	pc(s)				GRISO	BMSA-9937B-242900
120		X PE120378FA31AA	CEPE120378FA-31AA	DIOD-LED,RED,P-LCC-2	buy	5	1	1	1	1	1	1	1	1	1	1	pc(s)	bin group : R1,S2, S1			OSRAM	LS7676-R1S1-1-2 (Q65110A2152)
121		X PE18001CFA3100	CEPE18001CFA-3100	DIOD-LED,AMBER,P-LCC-2	buy	5	3	2	3	3	2	3	2	3	3	2	pc(s)	bin group : S1, S2,T1			OSRAM	LY7676-S1T1-35 (Q65110A3B18)
122		X PE1320018FA3200	CEPE1320018FA-3200	DIOD-LED,GREEN,SMD	buy	5	1	1	1	1	1	1	1	1	1	1	pc(s)	bin rank : Cd300,Cd360			NICHIA	NH5G146AT-G-Cd300,Cd360
123		X PE130028FA3AA	CEPE130028FA-3AA	DIOD-LED,WHITE,P-LCC-2	buy	5	11	11	11	11	11	11	11	11	11	11	pc(s)	color rank : B5			NICHIA	NH5G031AT-B5-2
124		X PE1710178FA3200	CEPE1710178FA-3200	DIOD-LED,BLUE,SMD	buy	5	1	1	1	1	1	1	1	1	1	1	pc(s)	bin rank : Cd75,Cd80,Cd105			NICHIA	NH5B146AT-W-Cd75,Cd80,Cd105
125		X PE720058FA31AA	CEPE720058FA-31AA	DIOD-LED,YELLOW,P-LCC-2	buy	5	2	0	2	2	0	2	0	2	2	0	pc(s)	bin group : V1, V2, AA			OSRAM	LY T67F-V1AA-45
126		X PR350238FG1000	CEPR350238FG-1000	RESON-XTAL,32.768KHz,10ppm,FU - Fundamental Mode,SMD	buy	5	1	1	1	1	1	1	1	1	1	1	pc(s)				NDK	EXS00A-MU00929
127		X PR80041DFG1000	CEPR80041DFG-1000	RESON-XTAL,8MHz,30ppm,FU - Fundamental Mode,SMD	buy	5	1	1	1	1	1	1	1	1	1	1	pc(s)				TXC	AT08080001
128		X PR000020FD0000	CEPR000020FD-A000	RES-VAR,50,18V,43V,125.0C,14MMV,DISK	buy	5	1	1	1	1	1	1	1	1	1	1	pc(s)				TDK	B722451144NKG51
129		X VR826F-13N029-AA	CMR09F13N029-A000	SCREW BTP 3x6.3U (NITTO 56K0)	buy	5	2	2	2	2	2	2	2	2	2	2	pc(s)				NITTO	SCREW BTP 3X6.3U
130		X P1560258FMAAE	CEP1560258FF-MAAE	RES-TF,560R,5%,250.0mW,200ppm/C,155.0C,1206	buy	10	10	10	10	10	10	10	10	10	10	10	pc(s)				KAMAYA	RMCI/B-561UTP
131		X P1560258FMAAE	CEP1560258FF-MAAE	RES-TF,750R,5%,250.0mW,200ppm/C,155.0C,1206	buy	2	2	2	2	2	2	2	2	2	2	2	pc(s)				KAMAYA	RMCI/B-751UTP
132		X PE130028FA3200	CEPE130028FA-3200	DIOD-LED,GREEN,SMD	buy	2	2	2	2	2	2	2	2	2	2	2	pc(s)	bin rank : Cd1000,Cd1200,Cd1440			NICHIA	NE5G146AT-G-Cd1000,Cd1200,Cd1440
133		X Indirect Material		Solder Paste	buy	5	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	gram	Lead Free, SAC 305			Indium	89 HFA
134		X Indirect Material		Glue	buy	5	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	ml				Comedine	Super 8300B
135		X Indirect Material		Flux	buy	5	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	ml				Tamura	EC-195-10
136		X Indirect Material		Solder Bar	buy	5	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	gram	Lead Free Bar 96.5 Sn/3 Ag/0.5 Cu			Alpha Metal	Lead Free Bar 96.5 Sn/3 Ag/0.5 Cu
137		X Indirect Material		Label	buy	1	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref	pc(s)	8 x 8 mm			Prolabel	8 x 8 mm



Part Name : Instrument Cluster
Costumer : HVN/ HII
Model : K0RA/ K0SA/ KORF
Revision Status : Mass Pro rev

Bill Of Material

Mfg Plant

Date

Revision No




Ref. Docs.

: AVI

: 18 May 2022

: 12.1 (01/4MC/2022 & 02/4MC/2022)

: K0RA_K0SA_Consolidated_BOM_CN00125193_A17_20220117

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

Line No.	Level					Part Number	BAAN Part Number	Description	Part type	Level	Qty (LCD Tiamna)		Qty (LCD Unicorn)					Unit	Spec	C#N#	Change Descriptions	Maker	MPN
	0	1	2	3	4						KORF	KORA ABS	KORA NO ABS	KOSA ABS	KOSA NO ABS								
1	X					VPKXHF-15K520-DA	CMXKHF15K520-DA10	System & SW BOM	make	0	1						pc	EU (UART) for Tiamna LCD	01/4MC/2022	PWBA + SW BOM ; for AVI sell			
2	X					VPKXHF-15K520-JA	CMXKHF15K520-JA10	System & SW BOM	make	0		1					pc	With ABS W/O B-CAN for Unicorn LCD	01/4MC/2022	PWBA + SW BOM ; for AVI sell			
3	X					VPKXHF-15K520-KA	CMXKHF15K520-KA10	System & SW BOM	make	0			1				pc	Without ABS W/O B-CAN for Unicorn LCD	01/4MC/2022	PWBA + SW BOM ; for AVI sell			
4	X					VPKXHF-15K520-MA	CMXKHF15K520-MA10	System & SW BOM	make	0				1			pc	With B-CAN ABS for Unicorn LCD	01/4MC/2022	PWBA + SW BOM ; for AVI sell			
5	X					VPKXHF-15K520-NA	CMXKHF15K520-NA10	System & SW BOM	make	0					1		pc	Without B-CAN W/OABS for Unicorn LCD	01/4MC/2022	PWBA + SW BOM ; for AVI sell			
6	X					VPKXHF-15K520-DA	SSXKHF15K520-DA0E	System & SW BOM	make	1	1						pc	EU (UART) for Tiamna LCD	01/4MC/2022	PWBA + SW BOM ; for AVI build			
7	X					VPKXHF-15K520-JA	SSXKHF15K520-JA0E	System & SW BOM	make	1		1					pc	With ABS W/O B-CAN for Unicorn LCD	01/4MC/2022	PWBA + SW BOM ; for AVI build			
8	X					VPKXHF-15K520-KA	SSXKHF15K520-KA0E	System & SW BOM	make	1			1				pc	Without ABS W/O B-CAN for Unicorn LCD	01/4MC/2022	PWBA + SW BOM ; for AVI build			
9	X					VPKXHF-15K520-MA	SSXKHF15K520-MA0E	System & SW BOM	make	1				1			pc	With B-CAN ABS for Unicorn LCD	01/4MC/2022	PWBA + SW BOM ; for AVI build			
10	X					VPKXHF-15K520-NA	SSXKHF15K520-NA0E	System & SW BOM	make	1					1		pc	Without B-CAN W/OABS for Unicorn LCD	01/4MC/2022	PWBA + SW BOM ; for AVI build			
11	X					VPKXHF-14B115-DH	CMXKHF14B115-DH00	PWB ASSY : Type D	make	2	1						pc	EU (UART)	CN00118950	Up suffix due to component change			
12	X					VPKXHF-14B115-JA	CMXKHF14B115-JA00	PWB ASSY : Type J	make	2		1					pc	With ABS W/O B-CAN	CN00125193	Change Desc to differentiate with Tiamna LCD			
13	X					VPKXHF-14B115-KA	CMXKHF14B115-KA00	PWB ASSY : Type K	make	2			1				pc	Without ABS W/O B-CAN	CN00125193	Change Desc to differentiate with Tiamna LCD			
14	X					VPKXHF-14B115-MA	CMXKHF14B115-MA00	PWB ASSY : Type M	make	2				1			pc	With B-CAN ABS	CN00125193	Change Desc to differentiate with Tiamna LCD			
15	X					VPKXHF-14B115-NA	CMXKHF14B115-NA00	PWB ASSY : Type N	make	2					1		pc	Without B-CAN W/OABS	CN00125193	Change Desc to differentiate with Tiamna LCD			
16	X					SWD100-26238-009R01		ROM : STD	Ref	2							file	SW 01.15.01	CN00119117	Update software version			
17	X					SWD102-26238-009R01		ROM : EU	Ref	2	Ref						file	SW 03.07.01	CN00119117	Update software version			
18	X					SWD100-26238-009N01		NVM IMAGE : STD	Ref	2							file	SW 01.15.01	CN00119117	Update software version			
19	X					SWD102-26238-009N01		NVM IMAGE : EU	Ref	2	Ref						file	SW 03.07.01	CN00119117	Update software version			
20	X					SWD100-26238-012R01		ROM : STD	Ref	2							file	SW 01.17.01	CN00125193	Update software version			
21	X					SWD102-26238-012R01		ROM : EU	Ref	2			Ref	Ref	Ref	Ref	file	SW 03.09.01	CN00125193	Update software version			
22	X					SWD100-26238-012N01		NVM IMAGE : STD	Ref	2			Ref	Ref	Ref	Ref	file	SW 01.17.01	CN00125193	Update software version			
23	X					SWD102-26238-012N01		NVM IMAGE : EU	Ref	2							file	SW 03.09.01	CN00125193	Update software version			
24	X					SWD100-26238-012X03		JUMP TABLE	Ref	2	Ref	Ref	Ref	Ref	Ref	Ref	file		CN00119117	Update software version			
25	X					VPKXHF-14A608-AE	CMXKHF14A608-AE00	PWB - Single (Daughter)	buy	3	1	0	0	0	0	0	pc(s)				Draco	PWB24981	
26	X					VPKXHF-14A608-BA	CMXKHF14A608-BA00	PWB - Single (Daughter)	buy	3	0	1	1	1	1	1	pc(s)			Correction VPN	Draco	PWB26182	
27	X					DCFO0245-AA	CE00DCFO0245-AA00	CONN.-C/M - Device Sockets B,Vertical,Surface Mount	buy	3	1	1	1	1	1	1	pc(s)				IRISO	IRMSA-92575-08Y926	
28	X					K222608BFEAAB	CEK222608BFEAAB	CAP-CERM,22uF,20%,6.3V,XSR,0805	buy	3	2	2	2	2	2	2	pc(s)				TAIYO	JMK2128B1226MGHT	
29	X					P10005SBFEMAAC	CEP10005SBFEMAAC	RES-TF,155.0C,0805	buy	3	1	2	2	2	2	2	pc(s)			Update qty due to EMC test	KAMAYA	RMCI/1010TP	
30	X					P10009BDFZCAD	CEP10009BDFZCAD	RES-TF,100,1%,155.0C,0603	buy	3	9	10	10	13	12	12	pc(s)				KAMAYA	RMCI/1610TP	
31	X					P10009BFFZAAE	CEP10009BFFZAAE	RES-TF,155.0C,1206	buy	3	12	9	9	9	9	9	pc(s)			Update qty due to type	KAMAYA	RMCI/809TP	
32	X					P11001SBFEMAAC	CEP11001SBFEMAAC	RES-TF,10R,5%,125.0mW,200ppm/C,155.0C,0805	buy	3	1	1	1	1	1	1	pc(s)				KAMAYA	RMCI/10-100TP	
33	X					P110023BFENAC	CEP110023BFENAC	RES-TF,100R,1%,125.0mW,100ppm/C,155.0C,0805	buy	3	0	0	1	0	1	1	pc(s)				KAMAYA	RMCI/10K1000TP	
34	X					P11003SBFDMCAD	CEP11003SBFDMCAD	RES-TF,1k,5%,100.0mW,200ppm/C,155.0C,0603	buy	3	8	9	11	9	11	11	pc(s)			Update qty due to EMC test	KAMAYA	RMCI/16-102TP	
35	X					P11004SBFDMCAD	CEP11004SBFDMCAD	RES-TF,10k,5%,100.0mW,200ppm/C,155.0C,0603	buy	3	6	6	6	6	6	6	pc(s)				KAMAYA	RMCI/16-103TP	
36	X					P110047BFETAAC	CEP110047BFETAAC	RES-TF,10k,0.5%,125.0mW,50ppm/C,125.0C,0805	buy	3	4	4	4	4	4	4	pc(s)				KAMAYA	RGCI/10010020TP	
37	X					P11003SBFDMCAD	CEP11003SBFDMCAD	RES-TF,100k,1%,100.0mW,100ppm/C,155.0C,0603	buy	3	0	0	1	0	1	1	pc(s)				KAMAYA	RMCI/16K1003TP	
38	X					P111035BFFMAAE	CEP111035BFFMAAE	RES-TF,1.1k,5%,250.0mW,200ppm/C,155.0C,1206	buy	3	5	5	5	5	5	5	pc(s)				KAMAYA	RMCI/8-112TP	
39	X					P11203SBFDMCAD	CEP11203SBFDMCAD	RES-TF,1.2k,1%,100.0mW,200ppm/C,155.0C,0603	buy	3	1	1	1	1	1	1	pc(s)				KAMAYA	RMCI/16K1201TP	
40	X					P11203SBFMAAE	CEP11203SBFMAAE	RES-TF,1.2k,5%,250.0mW,200ppm/C,155.0C,1206	buy	3	1	1	0	1	0	1	pc(s)			Update qty due to not used component	KAMAYA	RMCI/8-122TP	
41	X					P11203SBFMAAE	CEP11203SBFMAAE	RES-TF,1.2k,5%,250.0mW,200ppm/C,155.0C,1206	buy	3	14	14	8	14	8	14	pc(s)				KAMAYA	RMCI/8-122TP	
42	X					P11403SBFDMCAD	CEP11403SBFDMCAD	RES-TF,1.4k,1%,100.0mW,200ppm/C,155.0C,0603	buy	3	0	0	1	0	1	1	pc(s)				KAMAYA	RMCI/16K1401TP	
43	X					P115013BFENAE	CEP115013BFENAE	RES-TF,15R,1%,250.0mW,100ppm/C,155.0C,1206	buy	3	0	0	1	0	1	1	pc(s)				KAMAYA	RMCI/8K1500TP	
44	X					P11503SBFDMCAD	CEP11503SBFDMCAD	RES-TF,1.5k,5%,100.0mW,200ppm/C,155.0C,0603	buy	3	0	0	1	0	1	1	pc(s)				KAMAYA	RMCI/16-152TP	
45	X					P11503SBFMAAE	CEP11503SBFMAAE	RES-TF,1.5k,5%,250.0mW,200ppm/C,155.0C,1206	buy	3	1	1	1	1	1	1	pc(s)				KAMAYA	RMCI/8-152TP	
46	X					P115433BFFNAAE	CEP115433BFFNAAE	RES-TF,1.54k,1%,250.0mW,100ppm/C,155.0C,1206	buy	3	7	7	7	7	7	7	pc(s)				KAMAYA	RMCI/8K1541TP	
47	X					P12003SBFDMCAD	CEP12003SBFDMCAD	RES-TF,2k,5%,100.0mW,200ppm/C,155.0C,0603	buy	3	0	0	1	0	1	1	pc(s)				KAMAYA	RMCI/16-202TP	
48	X					P12003SBFMAAE	CEP12003SBFMAAE	RES-TF,2k,5%,250.0mW,200ppm/C,155.0C,1206	buy	3	2	2	2	2	2	2	pc(s)				KAMAYA	RMCI/8-202TP	
49	X					P12035SBFEMAAC	CEP12035SBFEMAAC	RES-TF,2.2k,5%,125.0mW,200ppm/C,155.0C,0805	buy	3	1	1	2	1	2	2	pc(s)				KAMAYA	RMCI/10-222TP	
50	X					P12203SBFMAAE	CEP12203SBFMAAE	RES-TF,2.2k,5%,250.0mW,200ppm/C,155.0C,1206	buy	3	2	2	2	2	2	2	pc(s)				KAMAYA	RMCI/8-222TP	
51	X					P12403SBFDMCAD	CEP12403SBFDMCAD	RES-TF,2.4k,5%,100.0mW,200ppm/C,155.0C,0603	buy	3	0	0	1	0	1	1	pc(s)				KAMAYA	RMCI/16-242TP	
52	X					P12403SBFDMCAD	CEP12403SBFDMCAD	RES-TF,2.4k,1%,100.0mW,200ppm/C,155.0C,0603	buy	3	1	1	1	1	1	1	pc(s)				KAMAYA	RMCI/16-242TP	
53	X					P12403SBFDMCAD	CEP12403SBFDMCAD	RES-TF,2.4k,5%,100.0mW,200ppm/C,155.0C,0603	buy	3	1	1	1	1	1	1	pc(s)				KAMAYA	RMCI/16K2401TP	
54	X					P12703SBFDMCAD	CEP12703SBFDMCAD	RES-TF,2.7k,5%,100.0mW,200ppm/C,155.0C,0603	buy	3	1	1	1	1	1	1	pc(s)				KAMAYA	RMCI/16-272TP	
55	X					P13003SBFDMCAD	CEP13003SBFDMCAD	RES-TF,3k,1%,100.0mW,100ppm/C,155.0C,0603	buy	3	0	0	1	0	1	1	pc(s)				KAMAYA	RMCI/16K3001TP	
56	X					P13003SBFMAAE	CEP13003SBFMAAE	RES-TF,3k,5%,250.0mW,200ppm/C,155.0C,1206	buy	3	2	2	2	2	2	2	pc(s)				KAMAYA	RMCI/8-302TP	
57	X					P13004SBFDMCAD	CEP13004SBFDMCAD	RES-TF,30k,5%,100.0mW,200ppm/C,155.0C,0603	buy	3	3	3	3	3	3	3	pc(s)				KAMAYA	RMCI/16-303TP	
58	X					P13004SBFEMAAC																	

Line No.	Level					Part Number	BAAN Part Number	Description	Part type	Level	Qty (LCD Tianna)	Qty (LCD Unicorn)					Unit	Spec	CNI#	Change Descriptions	Maker	MPN	
	0	1	2	3	4						KORF	KORA ABS	KORA NO ABS	KOSA ABS	KOSA NO ABS								
94			X			P522018BFAAX00	CEP522018BFA-AX00	DIOD-RECT,200V,250mA,50ms,SOD323	buy	3	1	1	1	1	1	pc(s)					NEXPERIA	BAS321,115	
95			X			P540004BFAEX00	CEP540004BFA-EX00	DIOD-ZENER,4,7.5,SOD123	buy	3	1	1	0	1	0	pc(s)				Change MPN due to database update	ONSEMI	S2MMS24688T1G	
96			X			P542004DFAAX00	CEP542004DFA-AX00	DIOD-RECT,1A,1.8us,SMA	buy	3	12	12	12	12	12	pc(s)		82/4MC/2021	Change maker due to internal 4M change	VISHAY	S1G-014HE3_A/H		
97			X			P550014BFAEX00	CEP550014BFA-EX00	DIOD-ZENER,5.6,5,SOT-23	buy	3	1	1	1	1	1	pc(s)					ONSEMI	S2MMBZ5232BLT1G	
98			X			P611000BFBEX00	CEP611000BFB-EX00	XSTR-MFET,N-CH,60V,350mA,SOT-23	buy	3	1	1	1	1	1	pc(s)					ONSEMI	2V7002KT1G	
99			X			P611001BFCBX00	CEP611001BFC-BX00	XSTR-BP,P,80V,1A,SOT-89	buy	3	0	0	0	1	0	1	pc(s)					NEXPERIA	BCX53-10,135
100			X			P611002BFBXB00	CEP611002BFB-BX00	XSTR-BP,P,80V,500mA,SOT-23	buy	3	5	4	5	4	5	pc(s)					NEXPERIA	PM8TA56,215	
101			X			P611006BFBAX00	CEP611006BFB-AX00	XSTR-BP,N-Channel,80V,500mA,SOT-23	buy	3	5	4	3	4	3	pc(s)					NEXPERIA	PM8TA06,215	
102			X			P660303BFAAX00	CEP660303BFA-AX00	XSTR-BRES,NPN,50V,100mA,SOT-23	buy	3	6	6	4	6	4	pc(s)					NEXPERIA	POTC1432T,235	
103			X			P670009BFAAX00	CEP670009BFA-AX00	XSTR-BP,N-Channel,45V,100mA,SOT363	buy	3	0	0	1	0	1	pc(s)					NEXPERIA	BC847BS,115	
104			X			P670304BFXLX00	CEP670304BFA-LX00	XSTR-BRES,NPNPNP,50V,100mA,SOT363	buy	3	2	2	2	2	2	pc(s)					NEXPERIA	PUMD10,125	
105			X			P671007BFBXLX00	CEP671007BFB-LX00	XSTR-BP,complete,65V,100mA,SOT363	buy	3	0	0	1	0	1	pc(s)					ONSEMI	SSVBC8468PDW1T1G	
106			X			P700034CFGBX00	CEP700034CFG-BX00	IC-COMP,COMP,SOIC	buy	3	0	0	1	0	1	pc(s)					TI	LM2903QDRQ1	
107			X			P701156CFXC000	CEP701156CFX-C000	IC-REG,VIN,LIN,MSOP	buy	3	1	1	1	1	1	pc(s)					TI	TPS7A6650QDGNRQ1	
108			X			P710025CFTB000	CEP710025CFT-B000	IC-INTRF,TRANS,SOIC	buy	3	0	1	1	2	2	pc(s)					NXP	TJA1051T/CM	
109			X			P760571DFLC000	CEP760571DFL-C000	IC-PROC,MCU16,LQFP	buy	3	Alt	Alt	Alt	Alt	Alt	pc(s)	Reel			Change to Alternate due to supplier SCR	RENESAS	RSF10DPJLFBMXXG	
110			X			P760571DFLC000	CEP760571DFL-C000	IC-PROC,MCU16,LQFP	buy	3	Alt	Alt	Alt	Alt	Alt	pc(s)	Tray				RENESAS	RSF10DPJLFBH2G	
111			X			P760571DFL0001	CEP760571DFL-0001	IC-PROC,MCU16,LQFP	buy	1	1	1	1	1	1	pc(s)	Reel			MPN Correction	RENESAS	RSF10DPJCLFBH56G	
112			X			P760571DFL0001	CEP760571DFL-0001	IC-PROC,MCU16,LQFP	buy	4	Alt	Alt	Alt	Alt	Alt	pc(s)	Tray			MPN Correction	RENESAS	RSF10DPJCLFBH12G	
113			X			P770056CFNC000	CEP770056CFN-C000	IC-MEM,EEPROM,TSSOP	buy	3	1	1	1	1	1	pc(s)					ST MICRO	M24C04-DRDW3TP/K	
114			X			PC800412-AC	CE00PC800412-AC00	CONN-,I/O - Thru Hole Headers,24,Vertical,Thru hole	buy	3	1	1	1	1	1	pc(s)					IRISO	IMSA-9937B-242900	
115			X			PE12037BFA31AA	CEPE12037BFA-31AA	DIOD-LED,RED,P-LCC-2	buy	3	1	1	1	1	1	pc(s)	bin group : R1,S2, S1				OSRAM	LS1676-R1S1-1-2 (Q65110A2152)	
116			X			PE18001CFA3100	CEPE18001CFA-3100	DIOD-LED,AMBER,P-LCC-2	buy	3	3	3	2	3	2	pc(s)	bin group : S1, S2,T1				OSRAM	LY1676-S1T1-35 (Q65110A3818)	
117			X			PE32001BFA3200	CEPE32001BFA-3200	DIOD-LED,GREEN,SMD	buy	3	1	1	1	1	1	pc(s)	bin rank : Cd300,Cd360				NICHIA	NH5G146AT-G-Cd300,Cd360	
118			X			PE33002BFA34AA	CEPE33002BFA-34AA	DIOD-LED,WHITE,P-LCC-2	buy	3	11	11	11	11	11	pc(s)	color rank : B5				NICHIA	N5SW063AT-85-2	
119			X			PE71017BFA3200	CEPE71017BFA-3200	DIOD-LED,BLUE,SMD	buy	3	1	1	1	1	1	pc(s)	bin rank : Cd75,Cd90,Cd105				NICHIA	NH5B146AT-W-Cd75,Cd90,Cd105	
120			X			PE72005BFA31AA	CEPE72005BFA-31AA	DIOD-LED,YELLOW,P-LCC-2	buy	3	2	2	0	2	0	pc(s)	bin group : V1, V2, AA				OSRAM	LY T67F-V1AA-45	
121			X			PR35023BFG1000	CEPR35023BFG-1000	RESON-XTAL,32.768kHz,10ppm,FU - Fundamental Mode,SMD	buy	3	1	1	1	1	1	pc(s)					NDK	EX500A-MU00929	
122			X			PR80041DFG1000	CEPR80041DFG-1000	RESON-XTAL,8MHz,30ppm,FU - Fundamental Mode,SMD	buy	3	1	1	1	1	1	pc(s)					TXC	AT08080001	
123			X			PV000020FDK000	CEPV000020FD-K000	RES-VAR,501,16V,43V,125.0C,14MM DISK	buy	3	1	1	1	1	1	pc(s)					TDK	B7221451140K561	
124			X			VP8ZNF-13N203-AA	CM8ZNF13N203-AA00	SCREW BTP 3X6 3U (NITTO SEIKO)	buy	3	2	2	2	2	2	pc(s)					NITTO	SCREW BTP 3X6 3U	
125			X			P156025BFFMAAE	CEP156025BFF-MAAE	RES-TF,560R,5%,250.0mW,200ppm/C,155.0C,1206	buy	10	10	10	10	10	10	pc(s)					KAMAYA	RMCI1/8-561TP	
126			X			P175025BFFJMAAE	CEP175025BFFJ-MAAE	RES-TF,750R,5%,250.0mW,200ppm/C,155.0C,1206	buy	2	2	2	2	2	2	pc(s)					KAMAYA	RMCI1/8-751TP	
127			X			PE13002BFA3200	CEPE13002BFA-3200	DIOD-LED,GREEN,SMD	buy	2	2	2	2	2	2	pc(s)	bin rank : Cd1000,Cd1200,Cd1440				NICHIA	N5ES146AT-G-Cd1000,Cd1200,Cd1440	
128			X			Indirect Material		Solder Paste	buy	3	Ref	Ref	Ref	Ref	Ref	gram	Lead Free, SAC 305				Indium	89 HFA	
129			X			Indirect Material		Glue	buy	3	Ref	Ref	Ref	Ref	Ref	ml					Cemedine	SuperXB008	
130			X			Indirect Material		Flux	buy	3	Ref	Ref	Ref	Ref	Ref	ml					Tamura	EC-195-10	
131			X			Indirect Material		Solder Bar	buy	3	Ref	Ref	Ref	Ref	Ref	gram	Lead Free, SnAgCu				Alpha Metal	Lead Free Bar 96.5 Sn/3 Ag/0.5 Cu	
132			X			Indirect Material		Label	buy	1	Ref	Ref	Ref	Ref	Ref	pc(s)	8 x 8 mm				Prolabel	8 x 8 mm	

Revision History				
Date	Revision no.	CN	CDSID	Description of change
3-Dec-18	0	CN00114893	AATMOJO	Initial Release
26-Dec-19		CN00119486 K0RA_A16_20191121	AATMOJO	Upsuffix CLUS ASY INSTR (K0RA/K0RF/K0SA) P/N due to update child part number
				VPKXHF-10849-AM → VPKXHF-10849-AN FSKXHF010849-AM0N → FSKXHF010849-AN0N
				VPKXHF-10849-BM → VPKXHF-10849-BN FSKXHF010849-BM0L → FSKXHF010849-BN0L
				VPKXHF-10849-DL → VPKXHF-10849-DM FSKXHF010849-DL0L → FSKXHF010849-DM0L
				VPKXHF-10849-EJ → VPKXHF-10849-EK FSKXHF010849-EJ0L → FSKXHF010849-EK0L
				VPKXHF-10849-FJ → VPKXHF-10849-FK FSKXHF010849-FJ0L → FSKXHF010849-FK0L
				Upsuffix LBL-RADO RECV IDENT part number due to Clus Asy Instr up suffix
				VPKXHF-18B968-AM → VPKXHF-18B968-AN
				VPKXHF-18B968-BM → VPKXHF-18B968-BN
				VPKXHF-18B968-DL → VPKXHF-18B968-DM
				VPKXHF-18B968-EJ → VPKXHF-18B968-EK
				VPKXHF-18B968-FJ → VPKXHF-18B968-FK
				Upsuffix CVR ASY-I/CLUS OPG P/N due to child p/n update
				VPKXHF-10A894-AD → VPKXHF-10A894-AE FPKXHF10A894-AD0M → FPKXHF10A894-AE0M
				Upsuffix CVR-I/CLUS HSG P/N due to modified ribs as per latest MOV position
				VPKXHF-10A855-AD → VPKXHF-10A855-AE FPKXHF10A855-AD0M → FPKXHF10A855-AE0M
12-Aug-21	8.1		BPRAKOSO	add alternate maker for P542004DFAAX00
			JJAKVIANT	VISHAY (S1G-014HE3_A/H) -> SURGE (AGS1G-13)
24-Aug-21	9	CN00125193	BPRAKOSO	update antifog update antifog usage due to toughness up foggy
				Change MCU P/N due to SCR
				P760571DFLC000 -> P760571DFLC001
				P7605710FLC000 -> P7605710FLC001
				R707,R708 are made DEPOP since the battery indicator is not needed for that variant
				R504 changed to 0805 0 ohm resistor, R645 & R506 are removed - EMC review comment
				R207 was added in SP_PULSE_IN line - EMC review comment
24-Aug-21	9,1	CN00125193	BPRAKOSO	Variant suffix updated from AJ,BJ,DJ to JA,KA,LA; EF,FF to MA, NA
				Correction qty due to typo P100009BFFZAAE from 11 to 9
				Change description for PWBA for Unicorn LCD (to differentiate with Tianma LCD)
				VPKXHF-14B115-JA PWB ASSY : Type A => PWB ASSY : Type J
				VPKXHF-14B115-KA PWB ASSY : Type B => PWB ASSY : Type K
				VPKXHF-14B115-LA PWB ASSY : Type D => PWB ASSY : Type L
				VPKXHF-14B115-MA PWB ASSY : Type E => PWB ASSY : Type M
13-Oct-21	9,2	CN00125193	BPRAKOSO	VPKXHF-14B115-NA PWB ASSY : Type F => PWB ASSY : Type N
				Correction MPN
				P760571DFL0001 IC-PROC,MCU16,LQFP RENESAS R5F10DPJCLFB#56G
				P7605710FL0001 IC-PROC,MCU16,LQFP RENESAS R5F10DPJCLFB#12G

Revision History				
3-Dec-21	10	CN00125193	BPRAKOSO	Combine EBOM PWBA with LCD Tianma & PWBA with LCD Unicorn as one sheet
				Correction P/N for PWB
				VPKXHF-14A608-AF -> VPKXHF-14A608-BA
				Update SW for PWBA with Unicron LCD
22-Dec-21	10.1	90/4MC/2021	JAKVIANT	Update RET ASY-I/CLUS IND due to change rubber spacer supplier
				Correction BAAN P/N
				CMKXHF10E880-AB00 -> CMKXHF10E880-AB10
25-Jan-21	11	CN00125193	BPRAKOSO	Migrate P/N for PWBA + SW BOM
				VPKXHF-14B115-AH -> VPKXHF-15K520-AA CMKXHF15K520-AA00
				VPKXHF-14B115-BH -> VPKXHF-15K520-BA CMKXHF15K520-BA00
				VPKXHF-14B115-DH -> VPKXHF-15K520-DA CMKXHF15K520-DA00
				VPKXHF-14B115-EE -> VPKXHF-15K520-EA CMKXHF15K520-EA00
				VPKXHF-14B115-FE -> VPKXHF-15K520-FA CMKXHF15K520-FA00
				VPKXHF-14B115-JA -> VPKXHF-15K520-JA CMKXHF15K520-JA00
				VPKXHF-14B115-KA -> VPKXHF-15K520-KA CMKXHF15K520-KA00
				VPKXHF-14B115-LA -> VPKXHF-15K520-LA CMKXHF15K520-LA00
				VPKXHF-14B115-MA -> VPKXHF-15K520-MA CMKXHF15K520-MA00
				VPKXHF-14B115-NA -> VPKXHF-15K520-NA CMKXHF15K520-NA00
				Upsuffix P/N JUMP_TABLE due to software for unicorn LCD K0R/K0S
				SWD100-26238-009X03 -> SWD100-26238-012X03
			JAKVIANT	Upsuffix METER ASSY COMB due to PWBA + SW implementation
				VPKXHF-10849-AN -> VPKXHF-10849-AP FSKXHF010849-AN0M FSKXHF010849-AP0M
				VPKXHF-10849-BN -> VPKXHF-10849-BP FSKXHF010849-BN0M FSKXHF010849-BP0M
				VPKXHF-10849-EK -> VPKXHF-10849-EL FSKXHF010849-EK0M FSKXHF010849-EL0M
				VPKXHF-10849-FK -> VPKXHF-10849-FL FSKXHF010849-FK0M FSKXHF010849-FL0M
				Upsuffix LBL-RADO RECV IDENT due to PWBA+SW implementation
				VPKXHF-18B968-AN -> VPKXHF-18B968-AP
				VPKXHF-18B968-BN -> VPKXHF-18B968-BP
				VPKXHF-18B968-EK -> VPKXHF-18B968-EL
				VPKXHF-18B968-FK -> VPKXHF-18B968-FL
				Upsuffix DI ASY-I/CLUS MN due to PWBA+SW implementation
				VPKXHF-10B895-AM -> VPKXHF-10B895-AN FPKXHF10B895-AM0R FPKXHF10B895-AN0R
				VPKXHF-10B895-BM -> VPKXHF-10B895-BN FPKXHF10B895-BM0R FPKXHF10B895-BN0R
				VPKXHF-10B895-EJ -> VPKXHF-10B895-EK FPKXHF10B895-EJ0R FPKXHF10B895-EK0R
				VPKXHF-10B895-FJ -> VPKXHF-10B895-FK FPKXHF10B895-FJ0R FPKXHF10B895-FK0R
				Added DSPLY ASY-ELETR INSTR IND due to dual source vendor
				VPKXHF-10D922-CA
				Added CLUS ASY INSTR due to PWBA AVI maker
				VPKXHF-10849-AP -> FSKXHF010849-AP1M
				VPKXHF-10849-BP -> FSKXHF010849-BP1M
				VPKXHF-10849-DM -> FSKXHF010849-DM1M

Revision History				
31-Mar-22	12	01/4MC/2022 & 02/4MC/2022	JAKVIANT	VPKXHF-10849-EL -> FSKXHF010849-EL1M
				VPKXHF-10849-FL -> FSKXHF010849-FL1M
				Added Label for Cluster with PWBA AVI maker
				VPKXHF-18B968-AP1
				VPKXHF-18B968-BP1
				VPKXHF-18B968-DM1
				VPKXHF-18B968-EL1
				VPKXHF-18B968-FL1
				Added inner case assy P/N for PWBA AVI
				VPKXHF-10B895-AN -> FPKXHF10B895-AN1R
				VPKXHF-10B895-BN -> FPKXHF10B895-BN1R
				VPKXHF-10B895-DL -> FPKXHF10B895-DL1R
				VPKXHF-10B895-EK -> FPKXHF10B895-EK1R
				VPKXHF-10B895-FK -> FPKXHF10B895-FK1R
				Added System SW BOM for PWBA AVI
				VPKXHF-15K520-DA -> CMKXHF15K520-DA10
				VPKXHF-15K520-JA -> CMKXHF15K520-JA10
				VPKXHF-15K520-KA -> CMKXHF15K520-KA10
				VPKXHF-15K520-MA -> CMKXHF15K520-MA10
				VPKXHF-15K520-NA -> CMKXHF15K520-NA10
				Upsuffix Lens Assy due to Supplier Changed
				CMKXHF10B855-AD00 -> CMKXHF10B855-AD10 FPKXHF10C845-AD0R -> FPKXHF10C845-AD1R
				Upsuffix Cover Assy due to Supplier Changed
				CMKXHF10A855-AE00 -> CMKXHF10A855-AE10 FPKXHF10A894-AF1R -> FPKXHF10A894-AF1R
				Upsuffix Mask due to Supplier Changed
				CMKXHF010894-AC00 -> CMKXHF010894-AC10
				Upsuffix Inner Case due to Supplier Changed
				CMKXHF10B978-AB00 -> CMKXHF10B978-AB10
				Upsuffix Applique due to Supplier Changed
				CMKXHF17K326-AB00 -> CMKXHF17K326-AB10
				CMKXHF17K326-BB00 -> CMKXHF17K326-BB10
				CMKXHF17K326-CB00 -> CMKXHF17K326-CB10
			BPRAKOSO	Add PWBA P/N for AVI Inhouse production
				VPKXHF-15K520-DA CMKXHF15K520-DA10
				VPKXHF-15K520-JA CMKXHF15K520-JA10
				VPKXHF-15K520-KA CMKXHF15K520-KA10
				VPKXHF-15K520-MA CMKXHF15K520-MA10
				VPKXHF-15K520-NA CMKXHF15K520-NA10
18-May-22	12.1	(01/4MC/2022 & 02/4MC/2022)	JAKVIANT	BAAN P/N change for LNS-I/CLUS MN due to typo correction
				CMKXHF10B855-AD10 => CMKXHF10B885-AD10