





Bill Of Material

Part Name : Instrument Cluster
Costumer : HII/HVN
Model : K1WA / K1WF
Revision Status : MP / PP2

Mfg Plant : AVV
Date : 23 April 2021
Revision No : 9 (CN00124829)
Ref. Docs. : K1WA_A10.1_20210422

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

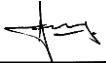

Line No.	Level					Part Number	Description	BAAN Part Number	Costumer Part Number	Costumer Part Name	Part type	Level	Qty		Unit	Supplier	Spec	Dimension W x H x D (mm)	Mass (gr)	CN#	Note
	0	1	2	3	4								K1WA	K1WF							
Max=4						Max=22	Max=30	Max=17				Max=2									
1	X					37100-K1W -D010-M1	METER ASSY COMB	-	-	-	make	0	1	0	Unit	AVV	K1WA, EU Variant, UART, Without B-CAN	243.8 X 162.3 X 87.7	505	M20-F0820	change due to update drawing customer
2	X					37100-K1W -V110-M1	METER ASSY COMB	-	-	-	make	1	0	1	Unit	AVV	K1WF, VN Variant, UART, With B-CAN	243.8 X 162.3 X 87.7	505	M-21-F0281	Upsuffix due to drawing customer released
3		X				VPKXHF-10849-GD	CLUS ASY INSTR (K1WA)	FSKXHF010849-GD0M	37100-K1W -D010-M1	-	make	1	1	0	Unit	AVV	K1WA, EU Variant, UART, Without B-CAN	243.8 X 162.3 X 87.7	505	CN00124829	Use previous P/N due to customer cancel new SW
4		X				VPKXHF-10849-HC	CLUS ASY INSTR (K1WF)	FSKXHF010849-HC0M	37100-K1W -V110-M1	-	make	1	0	1	Unit	AVV	K1WF, VN Variant, UART, With B-CAN	243.8 X 162.3 X 87.7	505	CN00124829	Use previous P/N due to customer cancel new SW
5			X			VEKXHF-10849-AE	ES / TCS	-	-	-	ref	2	ref	ref	-	AVV	-	-	-	CN00117036	
6			X			SWD105-26238-005X03	JUMP_TABLE	-	-	-	ref	2	ref	ref	-	AVV	EOL	182.8 X 121 X 32.8	-	CN00124501	Use previous P/N due to customer cancel new SW
7			X			VPKXHF-18B968-GD	LBL-RADO RECV IDENT	-	-	-	ref	2	1	0	pc(s)	AVV	Dest. Code : D0 , Cert. Numb : D1K1WD0A	60 x 15 mm	-	-	Upsuffix due to update Software version
8			X			VPKXHF-18B968-HC	LBL-RADO RECV IDENT	-	-	-	ref	2	0	1	pc(s)	AVV	Dest. Code : V1 , P/N : 37100-K1W -V110-M1	60 x 15 mm	-	-	Upsuffix due to update Software version
9			X			VPKXHF-10C845-AD	LENS ASSY	FPKXHF10C845-AD0R	37111-K0R -V010-M1	LENS	make	2	1	1	Unit	AVV	Lens applied antifog	243.8 X 152 X 54.5	-	CN00118241	
10				X		VPKXHF-10B885-AD	LNS-I/CLUS MN	CMKXHF10B885-AD00	-	-	buy	3	1	1	Unit	VS	PMMA Clear VH001	243.8 X 152 X 54.5	101.90	CN00118241	
11				X		VP9BQF-19D543-AA	ANTI FOG COATING MATERIAL	-	-	-	buy	3	0.625	0.625	ml	Yamamitsu Oil	Yamamitsu Oil, Glass shut.	-	-	-	Update consume refers as production trial
12				X		AVV1141	Destilated water	-	-	-	buy	3	0	0	ml	BHLD SAITOH CO.,LTD	Aqua destilated water	-	-	-	Update consume refers as production trial
13			X			VPKXHF-10A894-AF	CVR ASY-I/CLUS OPG	FPKXHF10A894-AF0R	37620-K0R -V010-M1	CASE UNDER ASSY	make	2	1	1	pc(s)	AVV	PP-TD30 BLACK IA920T, gasket, filter vent air,	243.8 X 162.3 X 87.7	-	CN00119486	
14				X		VPKXHF-10A855-AE	CVR-I/CLUS HSG	CMKXHF10A855-AE00	-	-	buy	3	1	1	pc(s)	VS	PP-TD30 BLACK IA920T	243.8 X 162.3 X 87.7	127.1	CN00119486	
15				X		VPGZKF-19N551-AA	FLTR-VEN AIR	CMGZKF19N551-AA10	-	-	buy	3	5	5	pc(s)	NITTO	NITTO DENKO TEMISH, Black, DS tape :NITTO #5015	Ø12 X 0.6 X 0.15	-	-	
16				X		VPKXHF-19G288-AA	FOAM	CMKXHF19G288-AA10	-	-	buy	3	1	1	pc(s)	Inoue Rubber Thai	EPDM Sponge, Black, Hardness SG 0.5±0.1	Ø3.25 X L550	-	CN00115488	
17			X			VPDZ4F-19G406-AA	SCREW -PTB 3X14 3U	CMDZ4F19G406-AA10	90314-KVS -F220-M2	SCREW TAPPING 3X14	buy	2	11	11	pc(s)	NITTO ALAM	SAE 1018/ SWRCH 18A	M3X14MM	-	-	
18			X			VPKXHF-10B895-GD	DI ASY-I/CLUS MN	FPKXHF10B895-GD0R	37110-K1W -D010-M1	METER COMP, COMB	make	2	1	0	pc(s)	AVV	K1WA, EU Variant, UART, Without B-CAN	211.6 X 131.4 X 59.1	-	CN00124829	Use previous P/N due to customer cancel new SW
19			X			VPKXHF-10B895-HB	DI ASY-I/CLUS MN	FPKXHF10B895-HB0R	37110-K1W -V110-M1	METER COMP, COMB	make	2	0	1	pc(s)	AVV	K1WF, VN Variant, UART, With B-CAN	211.6 X 131.4 X 59.1	-	CN00124829	Use previous P/N due to customer cancel new SW
20				X		VPKXHF-10894-AC	MSK-I/CLUS	CMKXHF010894-AC00	-	-	buy	3	1	1	pc(s)	VS	PP-TD30 BLACK IA920T	211.65 X 131.44 X 37.12	62.4	CN00117657	
21				X		VPKXHF-10B978-AB	PLT-I/CLUS IND MTNG	CMKXHF10B978-AB10	-	-	buy	3	1	1	pc(s)	VS	PP T40 White CJ930E GSC	200.28 X 125.7 X 30.5	48.55	CN00115488	
22				X		VPKXHF-17K326-AB	DIFSR-SPEEDO DI (TURN R)	CMKXHF17K326-AB10	-	-	buy	3	1	1	pc(s)	VS	PC Makroln 2407 Clear	25.57 X 19.41 X t=2	0.73	CN00115488	
23				X		VPKXHF-17K326-BB	DIFSR-SPEEDO DI (TURN L)	CMKXHF17K326-BB10	-	-	buy	3	1	1	pc(s)	VS	PC Makroln 2407 Clear	25.57 X 19.41 X t=2	0.68	CN00115488	
24				X		VPKXHF-17K326-CB	DIFSR-SPEEDO DI (COMMON)	CMKXHF17K326-CB10	-	-	buy	3	8	8	pc(s)	VS	PC Makroln 2407 Clear	11.6 X 13.2 X t=2	0.34	CN00115488	
25				X		VPKXHF-10E853-FA	APPLIQUE-I/CLUS	CMKXHF10E853-FA00	-	-	buy	3	1	1	pc(s)	FUJINAME	PC Sheet, t=1, 5 layer printing ; ABS	73.66 X 47.8 X t=0.5	-	CN00117798	
26				X		VPKXHF-10E853-HA	APPLIQUE-I/CLUS	CMKXHF10E853-HA00	-	-	buy	3	1	1	pc(s)	FUJINAME	PC Sheet, t=1, 5 layer printing ; TCS, TCS OFF, OIL	73.66 X 47.8 X t=0.5	-	CN00120135	
27				X		VPKXHF-19A023-AB	FLTR RADO RECVR DI LT	CMKXHF19A023-AB00	-	-	buy	3	1	1	pc(s)	FUJINAME	PC Sheet, t=0.5, 4 layer printing	79 X 111 X t=0.5	-	CN00115488	
28				X		VPKXHF-10D922-BD	DSPLY ASY-ELETR INSTR IND	CMKXHF10D922-BD10	-	-	buy	3	1	1	pc(s)	TIANMA	STD, TN Negative, 8 pin COG, Front Transmissive, Back Transflective	79 X 107 X 2.7	-	CN00115488	
29				X		VPKXHF-10E880-AB	RET ASY-I/CLUS IND	CMKXHF10E880-AB00	-	-	buy	3	1	1	pc(s)	VINA TAIYO	SPCC t0.6, MFZn2-K Black, include EPDM rubber spacer 8 pcs	83.2 X 114.5 X 22.4	-	CN00115488	
30				X		VPKXHF-15k520-GD	System & SW BOM : EU - PWBA + SW	CMKXHF15K520-GD00	-	-	buy	3	1	0	pc(s)	Meiko Electronic	PWBA + SW, K1WA 01.07.20	182.8 X 121 X 32.8	-	CN00124829	Use previous P/N due to customer cancel new SW
31				X		VPKXHF-15k520-HB	System & SW BOM : Vietnam - PWBA + SW	CMKXHF15K520-HB00	-	-	buy	3	0	1	pc(s)	Meiko Electronic	PWBA + SW, K1WF SW 02.06.01	182.8 X 121 X 32.8	-	CN00124829	Use previous P/N due to customer cancel new SW

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



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Part Name : Instrument Cluster Mfg Plant : AVV
Customer : HII / HVN Date : 23 April 2021
Model : K1WA / K1WF Revision No : 9 (CN00124829)
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Jemy Akvianto	Bimo Prakoso	M. S. Syahied Fauzy	Ian Aliansyah
Mechanical Engineer	Electrical Engineer	Dept Head App.Engineer	Director

Line No.	Level					Part Number	BAAN Part Number	Description	Part type	Level	Qty		Unit	Spec	CN#	Maker	MPN	Note
	0	1	2	3	4						K1WA	K1WF						
1				X		VPKXHF-15K520-GD	CMKXHF15K520-GD00	System & SW BOM : EU - PWBA + SW	Buy	3	1		Pc (s)	PWBA + SW, K1WA 01.07.20	CN00124829	Meiko Electronic		SW update from 01.08.10 to 01.07.20
2				X		VPKXHF-15K520-HB	CMKXHF15K520-HB00	System & SW BOM : Vietnam - PWBA + SW	Buy	3		1	Pc (s)	PWBA + SW, K1WF SW 02.06.01	CN00124829	Meiko Electronic		SW update from 03.07.02 to 02.06.01
3				X		SWD105-26238-00:X01	-	RELEASE NOTE : K1WA EU	Ref	4	Ref		Ref	SW 01.07.20	CN00124829			SW update from 01.08.10 to 01.07.20
4				X		SWD106-26238-00:X01	-	RELEASE NOTE : K1WF : Vietnam	Ref	4		Ref	Ref	SW 02.06.01	CN00124829			SW update from 03.07.02 to 02.06.01
5				X		SWD105-26238-00:R01	-	ROM : K1WA EU	Ref	4	Ref		Ref	SW 01.07.20	CN00124829			SW update from 01.08.10 to 01.07.20
6				X		SWD106-26238-00:R01	-	ROM : K1WF Vietnam	Ref	4		Ref	Ref	SW 02.06.01	CN00124829			SW update from 03.07.02 to 02.06.01
7				X		SWD105-26238-00:N01	-	NVM IMAGE : K1WA EU	Ref	4	Ref		Ref	SW 01.07.20	CN00124829			SW update from 01.08.10 to 01.07.20
8				X		SWD106-26238-00:X01	-	NVM IMAGE : Vietnam	Ref	4		Ref	Ref	SW 02.06.01	CN00124829			SW update from 03.07.02 to 02.06.01
9				X		SWD105-26238-00:X02	-	NVM_EXTRACTOR : K1WA EU	Ref	4	Ref		Ref	SW 01.07.20	CN00124829			SW update from 01.08.10 to 01.07.20
10				X		SWD106-26238-00:N01	-	NVM_EXTRACTOR : Vietnam	Ref	4		Ref	Ref	SW 02.06.01	CN00124829			SW update from 03.07.02 to 02.06.01
11				X		VPKXHF-14B115-GC	CMKXHF14B115-GC00	PWB ASSY : Type G	Buy	4	1		Pc(s)	EU Variant	CN00122052			Correction P/N due to typo
12				X		VPKXHF-14B115-HA	CMKXHF14B115-HA00	PWB ASSY : Type H	Buy	4		1	Pc(s)	Vietnam Variant	CN00122052			
13				X		VPKXHF-14A608-BB	CMKXHF14A608-BB	PWB - Single (Daughter)	Buy	5	1	1	Ref	FR-4, PTH, 194mm x 250mm		Draco	PWB25304	
14				X		DCFO0245-AA	CE00DCFO0245-AA00	CONN - C/M - Device Sockets,8,Vertical,Surface Mount	Buy	5	1	1	Pc(s)			IRISO	IMSA-92575-08y926	
15				X		K222608BFKEABA	CEK222608BFKEABA	CAP-CERM,22uF,20%,6.3V,XSR,,0603	Buy	5	2	2	Pc(s)			TAIYO	JMK1078B1J26MAMT	
16				X		P1000098FDZCAD	CEP1000098FDZCAD	RES-TF,0R,,,,,155.0C,0603	Buy	5	8	10	Pc(s)			KAMAYA	RMCI1/16JPTP	
17				X		P1000098FEZAAE	CEP1000098FEZAAE	RES-TF,0R,,,,,155.0C,0805	Buy	5	1	1	Pc(s)			KAMAYA	RMCI1/10JPTP	
18				X		P1000098FFZAAE	CEP1000098FFZAAE	RES-TF,,,,,155.0C,1206	Buy	5	13	13	Pc(s)			KAMAYA	RMCI1/8JPTP	
19				X		P1100158FEMAAC	CEP1100158FE-MAAC	RES-TF,10R,5%,125.0mW,200ppm/C,155.0C,0805	Buy	5	2	2	Pc(s)			KAMAYA	RMCI1/10-100JTP	
20				X		P1100358FDMCAD	CEP1100358FD-MCAD	RES-TF,1k,5%,100.0mW,200ppm/C,155.0C,0603	Buy	5	7	7	Pc(s)			KAMAYA	RMCI1/16-102JTP	
21				X		P1100458FDMCAD	CEP1100458FD-MCAD	RES-TF,10k,5%,100.0mW,200ppm/C,155.0C,0603	Buy	5	5	5	Pc(s)			KAMAYA	RMCI1/16-103JTP	
22				X		P1100478FETAAC	CEP1100478FE-TAAC	RES-TF,10k,0.5%,125.0mW,50ppm/C,125.0C,0805	Buy	5	4	4	Pc(s)			KAMAYA	RGCI1/10C1002DTP	
23				X		P1110358FJMAAE	CEP1110358FJ-MAAE	RES-TF,1.1k,5%,250.0mW,200ppm/C,155.0C,1206	Buy	5	5	5	Pc(s)			KAMAYA	RMCI1/8-112JTP	
24				X		P1120338FDNCAD	CEP1120338FD-NCAD	RES-TF,1.2k,1%,100.0mW,100ppm/C,155.0C,0603	Buy	5	1	1	Pc(s)			KAMAYA	RMCI1/16K1201FTP	
25				X		P1120358FJMAAE	CEP1120358FJ-MAAE	RES-TF,1.2k,5%,250.0mW,200ppm/C,155.0C,1206	Buy	5	11	11	Pc(s)			KAMAYA	RMCI1/8-122JTP	
26				X		P1150358FJMAAE	CEP1150358FJ-MAAE	RES-TF,1.5k,5%,250.0mW,200ppm/C,155.0C,1206	Buy	5	1	1	Pc(s)			KAMAYA	RMCI1/8-152JTP	
27				X		P1154338FFNAAE	CEP1154338FF-NAAE	RES-TF,1.54k,1%,250.0mW,100ppm/C,155.0C,1206	Buy	5	7	7	Pc(s)			KAMAYA	RMCI1/8K1541FTP	
28				X		P1180338FDNCAD	CEP1180338FD-NCAD	RES-TF,1.8k,1%,100.0mW,100ppm/C,155.0C,0603	Buy	5	1	1	Pc(s)			KAMAYA	RMCI1/16K1801FTP	
29				X		P1180358FJMAAE	CEP1180358FJ-MAAE	RES-TF,1.8k,5%,250.0mW,200ppm/C,155.0C,1206	Buy	5	6	6	Pc(s)			KAMAYA	RMCI1/8-182JTP	
30				X		P1200358FJMAAE	CEP1200358FJ-MAAE	RES-TF,2k,5%,250.0mW,200ppm/C,155.0C,1206	Buy	5	2	2	Pc(s)			KAMAYA	RMCI1/8-202JTP	
31				X		P1220358FEMAAC	CEP1220358FE-MAAC	RES-TF,2.2k,5%,125.0mW,200ppm/C,155.0C,0805	Buy	5	1	1	Pc(s)			KAMAYA	RMCI1/10-222JTP	
32				X		P1220358FJMAAE	CEP1220358FJ-MAAE	RES-TF,2.2k,5%,250.0mW,200ppm/C,155.0C,1206	Buy	5	2	2	Pc(s)			KAMAYA	RMCI1/8-222JTP	
33				X		P1240338FDNCAD	CEP1240338FD-NCAD	RES-TF,2.4k,1%,100.0mW,100ppm/C,155.0C,0603	Buy	5	1	1	Pc(s)			KAMAYA	RMCI1/16K2401FTP	
34				X		P1240358FDMCAD	CEP1240358FD-MCAD	RES-TF,2.4k,5%,100.0mW,200ppm/C,155.0C,0603	Buy	5	1	1	Pc(s)			KAMAYA	RMCI1/16-242JTP	
35				X		P1270358FDMCAD	CEP1270358FD-MCAD	RES-TF,2.7k,5%,100.0mW,200ppm/C,155.0C,0603	Buy	5	1	1	Pc(s)			KAMAYA	RMCI1/16-272JTP	
36				X		P1300458FDMCAD	CEP1300458FD-MCAD	RES-TF,30k,5%,100.0mW,200ppm/C,155.0C,0603	Buy	5	2	2	Pc(s)			KAMAYA	RMCI1/16-303JTP	
37				X		P1300458FEMAAC	CEP1300458FE-MAAC	RES-TF,30k,5%,125.0mW,200ppm/C,155.0C,0805	Buy	5	1	1	Pc(s)			KAMAYA	RMCI1/10-303JTP	
38				X		P1301478FETAAC	CEP1301478FE-TAAC	RES-TF,30.1k,0.5%,125.0mW,50ppm/C,125.0C,0805	Buy	5	3	3	Pc(s)			KAMAYA	RGCI1/10C3012DTP	
39				X		P1330358FJMAAE	CEP1330358FJ-MAAE	RES-TF,3.3k,5%,250.0mW,200ppm/C,155.0C,1206	Buy	5	1	1	Pc(s)			KAMAYA	RMCI1/8-332JTP	
40				X		P1470358FDMCAD	CEP1470358FD-MCAD	RES-TF,4.7k,5%,100.0mW,200ppm/C,155.0C,0603	Buy	5	12	12	Pc(s)			KAMAYA	RMCI1/16-472JTP	
41				X		P1510358FEMAAC	CEP1510358FE-MAAC	RES-TF,5.1k,5%,125.0mW,200ppm/C,155.0C,0805	Buy	5	3	3	Pc(s)			KAMAYA	RMCI1/10-512JTP	
42				X		P151043CFDNCAD	CEP151043CFD-NCAD	RES-TF,5.1k,1%,100.0mW,100ppm/C,155.0C,0603	Buy	5	3	3	Pc(s)			KAMAYA	RMCI1/16K5102FTP10	
43				X		P1560258FJMAAE	CEP1560258FJ-MAAE	RES-TF,560R,5%,250.0mW,200ppm/C,155.0C,1206	Buy	5	10	10	Pc(s)			KAMAYA	RMCI1/8-56JTP	
44				X		P1620158FFMAAE	CEP1620158FF-MAAE	RES-TF,62R,5%,250.0mW,200ppm/C,155.0C,1206	Buy	5	0	2	Pc(s)			KAMAYA	RMCI1/8-620JTP	
45				X		P1680358FDMCAD	CEP1680358FD-MCAD	RES-TF,6.8k,5%,100.0mW,200ppm/C,155.0C,0603	Buy	5	1	1	Pc(s)			KAMAYA	RMCI1/16-682JTP	
46				X		P1680358FEMAAC	CEP1680358FE-MAAC	RES-TF,6.8k,5%,125.0mW,200ppm/C,155.0C,0805	Buy	5	2	2	Pc(s)			KAMAYA	RMCI1/10-682JTP	
47				X		P1750258FDMCAD	CEP1750258FD-MCAD	RES-TF,750R,5%,100.0mW,200ppm/C,155.0C,0603	Buy	5	6	6	Pc(s)			KAMAYA	RMCI1/16-751JTP	
48				X		P1750258FJMAAE	CEP1750258FJ-MAAE	RES-TF,750R,5%,250.0mW,200ppm/C,155.0C,1206	Buy	5	2	2	Pc(s)			KAMAYA	RMCI1/8-751JTP	
49				X		P2101768FJAAAB	CEP2101768FJ-AAAB	CAP-CERM,100PF,5%,200V,COG,,0805	Buy	5	0	2	Pc(s)			KEMET	CO805C101J2GAC 3123	
50				X		P2102478FKAAD	CEP2102478FKA-AD	CAP-CERM,1nF,10%,50V,X7R,,0402	Buy	5	2	2	Pc(s)			TAIYO	UMK105 B7102KVHF	
51				X		P2102688FJAD03	CEP2102688FJ-AD03	CAP-CERM,1nF,20%,100V,COG,Spk Dis,0805	Buy	5	3	3	Pc(s)			KEMET	CO805C102M1GAC 3099	
52				X		P2103478FKAAD	CEP2103478FKA-AD	CAP-CERM,10nF,10%,50V,X7R,,0402	Buy	5	23	23	Pc(s)			TAIYO	UMK105 B7103KVHF	
53				X		P2103678FKAFAF	CEP2103678FKA-FAF	CAP-CERM,10nF,10%,100V,X7R,Poly Term,0805	Buy	5	11	11	Pc(s)			AVX	08051C103K42ZA	
54				X		P2104478FKAAD	CEP2104478FKA-AD	CAP-CERM,100nF,10%,50V,X7R,,0402	Buy	5	8	9	Pc(s)			TAIYO	UMK105 B7104KVHF	
55				X		P2104678FKAFAF	CEP2104678FKA-FAF	CAP-CERM,100nF,10%,100V,X7R,Poly Term,0805	Buy	5	8	8	Pc(s)			TAIYO	HMJ2128B7104KGHT	
56				X		P2105378FKAATA	CEP2105378FKA-ATA	CAP-CERM,1uF,10%,25V,X7R,,0603	Buy	5	3	3	Pc(s)			TAIYO	TMK107AB7105KAHT	
57				X		P2221468FJIAAD	CEP2221468FJ-IAAD	CAP-CERM,220PF,5%,50V,COG,,0402	Buy	5	2	2	Pc(s)			KAMAYA	MT15N221J500CT	
58				X		P2221668FJIAFAF	CEP2221668FJ-IAFAF	CAP-CERM,220PF,5%,100V,COG,Poly Term,0805	Buy	5	1	1	Pc(s)			KEMET	CO805X221J1GAC 3123	
59				X		P2331468FJIAAD	CEP2331468FJ-IAAD	CAP-CERM,330PF,5%,50V,COG,,0402	Buy	5	1	1	Pc(s)			TAIYO	UMK105 CG331JUVHF	
60				X		P2470468FJIAAFC	CEP2470468FJ-IAAFC	CAP-CERM,47PF,5%,50V,COG,,0201	Buy	5	2	2	Pc(s)			TAIYO	UMK063CG470JTHF	
61				X		P2472478FKAAD	CEP2472478FKA-AD	CAP-CERM,4.7nF,10%,50V,X7R,,0402	Buy	5	1	1	Pc(s)			TAIYO	UMK105 B7472KVHF	
62				X		P2473478FKAAD	CEP2473478FKA-AD	CAP-CERM,47nF,10%,50V,X7R,,0402	Buy	5	1	2	Pc(s)			TAIYO	UMK105B7473KVHF	
63				X		P280948FJIAAAD	CEP280948FJ-IAAAD	CAP-CERM,8PF,1.25%,50V,COG,,0402	Buy	5	2	2	Pc(s)			MURATA	GCM1555C1H8R0BA16D	
64				X		P442172DFCCX00	CEP442172DFC-CX00	CAP-ALUM,220uF,20%,50V,,105.0C,SMD	Buy	5	1	1	Pc(s)			NICHICON	UW11H221MMQ1G5	
65				X		P5220188FAAX00	CEP5220188FA-AX00	DIOD-RECT,200V,250mA,50ns,SOD323	Buy	5	1	1	Pc(s)			NEXPERIA	BA5321,115	
66				X		P540048FAEX00	CEP540048FA-EX00	DIOD-ZENER,4.7.5,SOD123	Buy	5	1	1	Pc(s)			ONSEMI	SZMM524688T1G	
67				X		P542004DFAAX00	CEP542004DFA-AX00	DIOD-RECT,1A,1.8us,SMA	Buy	5	13	13	Pc(s)			VISHAY	S1G-014HE3_A/H	
68				X		P5500148FAEX00	CEP5500148FA-EX00	DIOD-ZENER,5.6,SOT-23	Buy	5	1	1	Pc(s)			ONSEMI	SZMMB25328LT1G	
69				X		P6110008FBEX00	CEP6110008FB-EX00	XSTR-MFET,N-CH,60V,350mA,SOT-23	Buy	5	1	1	Pc(s)			ONSEMI	2V700ZKT1G	

Line No.	Level					Part Number	BAAN Part Number	Description	Part type	Level	Qty		Unit	Spec	CN#	Maker	MPN	Note
	0	1	2	3	4						K1WA	K1WF						
71					X	P6110068FBAX00	CEP6110068FB-AX00	XSTR-BP,N-Channel,80V,500mA,SOT-23	Buy	5	5	5	Pc(s)			NEXPERIA	PMBTA06,215	
72					X	P6603038FAAX00	CEP6603038FA-AX00	XSTR-BRES,NPN,50V,100mA,SOT-23	Buy	5	5	5	Pc(s)			NEXPERIA	PDTC143ZT,215	
73					X	P6703048FALX00	CEP6703048FA-LX00	XSTR-BRES,NPNPNP,50V,100mA,SOT363	Buy	5	2	2	Pc(s)			NEXPERIA	PUMD10,125	
74					X	P701156CFFC000	CEP701156CFF-C000	IC-REG_VR_LIN,MSOP	Buy	5	1	1	Pc(s)			TI	TPS7A6650QDGNRQ1	
75					X	P710025CFTB000	CEP710025CFT-B000	IC-INTRF,TRANS,SOIC	Buy	5	0	1	Pc(s)			NEXPERIA	TJA1051T/CM	
76					X	P760571DFLC000	CEP760571DFL-C000	IC-PROC,MCU16,LQFP	Buy	5	1	1	Pc(s)			RENESAS	RSF10DPJLFB#H2G	
77					X	P760571DFLC000	CEP760571DFL-C000	IC-PROC,MCU16,LQFP	Buy	5	Alt	Alt	Pc(s)			RENESAS	RSF10DPJLFB#H2G	
78					X	P770056CFCN000	CEP770056CFN-C000	IC-MEM,EEPROM,TSSOP	Buy	5	1	1	Pc(s)			ST MICRO	M24C04-DRDW3TP/K	
79					X	PCB00412-AC	CE00PCB00412-AC00	CONN-/O - Thru Hole Headers,24,Vertical,Thru hole	Buy	5	1	1	Pc(s)			IRISO	IMS9-9937B-242900	
80					X	PE120378FA31AA	CEPE120378FA-31AA	DIOD-LED,RED,P-LCC-2	Buy	5	1	1	Pc(s)			OSRAM	1ST676-R1S1-1-Z (Q65110A2152)	
81					X	PE130028FA3200	CEPE130028FA-3200	DIOD-LED,GREEN,SMD	Buy	5	2	2	Pc(s)			NICHIA	NSG146AT-G-1Cd1000,Cd1200,Cd1440	
82					X	PE320298FA3400	CEPE320298FA-3400	DIOD-LED,AMBER,(Cd300-360, Cd360-430),(L3),	Buy	5	3	3	Pc(s)			NICHIA	NHSA146AT-L3-Cd300,Cd360	
83					X	PE530028FA34AA	CEPE530028FA-34AA	DIOD-LED,WHITE,(I),(I),P-LCC-2	Buy	5	11	11	Pc(s)			NICHIA	NSSW063AT-BS-Z	
84					X	PE710178FA3200	CEPE710178FA-3200	DIOD-LED,BLUE,(I),(I),SMD	Buy	5	1	1	Pc(s)			NICHIA	NHSB146AT-W-Cd75,Cd90,Cd105	
85					X	PE720058FA31AA	CEPE720058FA-31AA	DIOD-LED,YELLOW,P-LCC-2	Buy	5	2	2	Pc(s)			OSRAM	LY T67F-V1AA-45	
86					X	PR350238FG1000	CEPR350238FG-1000	RESON-XTAL,32.768KHz,10ppm,FU - Fundamental Mode,SMD	Buy	5	1	1	Pc(s)			NDK	EXS00A-MU00929	
87					X	PR800478BH1AEJ	CEPR800478BH-1AEJ	RESON-CERAM,8MHz,0.5%,FU - Fundamental Mode,CSTNE	Buy	5	1	1	Pc(s)			MURATA	CSTNE8M00G55A000R0	
88					X	PV000020FDK000	CEPV000020FD-K000	RES-VAR,50I,16V,43V,125.0C,14MM DISK	Buy	5	1	1	Pc(s)			TDK	B722145114K0561	
89					X	PE710158FA3400	CEPE710158FA-3400	DIOD-LED,RED,(Cd75,Cd90,Cd105),(R16),2214	Buy	5	1	1	Pc(s)			Nichia	NESR146AT-R16-Cd75,Cd90,Cd105	
90					X	AVI-0003157	CODICHSLIND-1110	Solder Paste SAC 305 Indium 89 HfA	Buy	5	Ref	Ref	gram	Lead Free, SAC 305		Indium	89 HfA	Only For Reference
91					X	AVI-0001265	CODICHLADBA-1108	Lead Free Bar 96.5 Sn/3 Ag/0.5 Cu	Buy	5	Ref	Ref	gram	Lead Free, SnAgCu		Alpha Metal	Lead Free Bar 96.5 Sn/3 Ag/0.5 Cu	Only For Reference
92					X	AVI-0001272	CODICHLFTSD-0354	Flux Tamura EC-195-10	Buy	5	Ref	Ref	ml			Cemedine	SuperX8008	Only For Reference
93					X	AVI-0002101	CODICHCEMEDI-1109	Cemedine Super X No.8008	Buy	5	Ref	Ref	ml			Tamura	EC-195-10	Only For Reference
94					X	VPBZRF-13N203-AA		SCREW BTP 3X6 3U (NITTO SEIKO)	Buy	4	2	2	pc(s)			Nitto Seiko Indonesia	SWRCH16A	Add due to missed from previous BOM
95					X	Indirect Material		Label	Buy	5	Ref	Ref	pc(s)	8 x 8 mm		Prolabel	8 x 8 mm	Only For Reference