








Bill Of Material

Part Name : Instrument Cluster
Customer : AHM
Model : K0JA / K0JG
Revision Status : Mass Pro / Mass Pro

Plant Code : 3345 A
Date : 08 February 2022
Revision No : 8 (CN00127609)
Ref. Docs : K0JA_Consolidated_BOM_CN00127609_20220208.xlsx

Prepared by, 	Prepared by, 	Prepared by, 	Checked by, 	Approved by, 
Jemy Akvianto Mechanical Engineer	Fairuz Alfalah W. Mechanical Engineer	Bimo Prakoso Electrical Engineer	M. S. Syahied Fauzy Dept Head App Engineer	Ian Aliangyah Director

Line No. Max#	Level	Part Number Max#22	Description Max#30	BAAN Part Number Max#17	Costumer Part Number	Costumer Part Name	Part type	Level Max#2	Qty				Unit	Supplier	Spec	Dimension L x W x D (mm)	Mass (gr)	CN#	Note
									N1 (ISS)	N0 (No ISS)	N7 (ISS)	N6 (No ISS)							
1	X		37100-K0J -N111-M1	METER ASSY COMB	-		make	0	1	0	0	0	Unit	AVI	K0JA, With ISS	148.95 x 160.71 x 61.19	255	M-19-F0743	Customer drawing update
2	X		37100-K0J -N011-M1	METER ASSY COMB	-		make	0	0	1	0	0	Unit	AVI	K0JA, Without ISS	148.95 x 160.71 x 61.19	255	M-19-F0743	Customer drawing update
3	X		37100-K0J -N710-M1	METER ASSY COMB	-		make	0	0	0	1	0	Unit	AVI	K0JG, With Idle Stop Tell tale	148.95 x 160.71 x 61.19	255	M-21-F2010	Upsuffix due to new Mass Pro customer drawing (N7)
4	X		37100-K0J -N610-M1	METER ASSY COMB	-		make	0	0	0	0	1	Unit	AVI	K0JG, Without Idle Stop Tell tale	148.95 x 160.71 x 61.19	255	M-21-F2010	Upsuffix due to new Mass Pro customer drawing (N6)
5	X		VPKKZF-10849-AH	SPEEDMETER ASSY	FSKKZF010849-AH0M	37100-K0J -N111-M1	make	1	1	0	0	0	Unit	AVI	K0JA, With ISS	148.95 x 160.71 x 61.19	255	CN00124912	Upsuffixed - Upsuffixed DI assembly
6	X		VPKKZF-10849-BH	SPEEDMETER ASSY	FSKKZF010849-BH0M	37100-K0J -N011-M1	make	1	0	1	0	0	Unit	AVI	K0JA, Without ISS	148.95 x 160.71 x 61.19	255	CN00124912	Upsuffixed - Upsuffixed DI assembly
7	X		VPKKZF-10849-CB	SPEEDMETER ASSY	FSKKZF010849-CB0M	37100-K0J -N710-M1	make	1	0	0	1	0	Unit	AVI	K0JG, With Idle Stop Tell tale	148.95 x 160.71 x 61.19	255	CN00127609	Upsuffix due to new Mass Pro customer drawing (N7)
8	X		VPKKZF-10849-DB	SPEEDMETER ASSY	FSKKZF010849-DB0M	37100-K0J -N610-M1	make	1	0	0	0	1	Unit	AVI	K0JG, Without Idle Stop Tell tale	148.95 x 160.71 x 61.19	255	CN00127609	Upsuffix due to new Mass Pro customer drawing (N6)
9	X		VPKKZF-10890-AE	MSK ASY-ICLUS	FPKKZF010890-AE0R	37211-K0J -N110-M1	make	2	1	0	1	0	pc(s)	AVI	Mask anti fog, ISS	ø 116.6 x 23.72		CN00117042	Up suffix due to child part up suffix
10	X		VPKKZF-10890-BE	MSK ASY-ICLUS	FPKKZF010890-BE0R	37211-K0J -N010-M1	make	2	0	1	0	1	pc(s)	AVI	Mask anti fog, No ISS	ø 116.6 x 23.72		CN00117042	Up suffix due to child part up suffix
11	X		VPKKZF-10894-AF	MASK	CMKKZF010894-AF00		buy	3	1	0	1	0	pc(s)	HONORIS	Insert injection, AES Black + PMMA Lens clear (printed) ISS, 7 la	ø 116.6 x 23.72	71.7	CN00117042	Up suffix due to printing specification change
12	X		VPKKZF-10894-BF	MASK	CMKKZF010894-BF00		buy	3	0	1	0	1	pc(s)	HONORIS	Insert injection, AES Black + PMMA Lens clear (printed) No ISS,	ø 116.6 x 23.72	71.7	CN00117042	Up suffix due to printing specification change
13		X	AVI-0004535	LENS (K0JA/K0JG)	-		ref	4	1	1	1	1	pc(s)	HONORIS	PMMA, Clear	ø 109.93	32.3		For internal reference only
14		X	AVI-0004536	PRINTING ISS (K0JA/K0JG)	-		ref	4	1	0	1	0	pc(s)	SPACE	ISS, 7 layers screen printing				For internal reference only
15		X	AVI-0004537	PRINTING W/O ISS (K0JA/K0JG)	-		ref	4	0	1	0	1	pc(s)	SPACE	without ISS, 7 layers screen printing				For internal reference only
16		X	AVI-0004538	AES MASK	-		ref	4	1	1	1	1	pc(s)	HONORIS	Overmolded injection, AES, Black				For internal reference only
17		X	VP9BQF-19D543-AA	ANTI FOG COATING MATERIAL	-		buy	3	0.17	0.17	0.17	0.17	ml	Yamanitsu Oil	Yamanitsu Oil, Glass shut.				reference from PD BOM
18		X	AVI-0000014	AQUA DESTILATED WATER	-		buy	3	0.51	0.51	0.51	0.51	ml	Cap Singa Jkt	Cap Singa				Percentage is 1 : 3 (1 for anti for & 3 for aqua destiled water)
19	X		VPKKZF-10A894-AC	CVR ASSY	FPKKZF10A894-AC0R	37212-K0J -N010-M1	make	2	1	1	1	1	pc(s)	AVI	Cover assy with Filter and gasket/packing	148.95 x 160.71 x 61.19		CN00115715	Due to low level coMass Procontent upsuffix
20	X		VPKKZF-10A855-AC	CVR-ICLUS HSG	CMKKZF10A855-AC00		buy	3	1	1	1	1	pc(s)	ASKI	PP-T30, BLACK, IA920T GSC	148.95 x 160.71 x 61.19	84.7	CN00115715	Tolerance change based on customer drawing change
21	X		VPGZKF-19N551-AA	FLTR-VEN AIR	CMGZKF19N551-AA00		buy	3	3	3	3	3	pc(s)	Nitto Material	NITTO DENKO TEMISH S-NTF1033-N06T, Black, DS tape .NITTO #5015	D12 X 0.6 X 0.5			same as K45G
22	X		VPKKZF-19G288-AB	PACKING	CMKKZF19G288-AB00		buy	3	1	1	1	1	pc(s)	Pacific rubber	EPDM SPONGE, I= 338.7mm, SG 0.5	ø 3.25 x 338.7	1.54	CN00115715	Added SC
23	X		VPKKZF-18B968-AH	LBL-RADO RECV IDENT	-		buy	3	1	0	0	0	pc	KDS Label	Fascoat 2/S2090/BG40Wh IMass Pro; 15 x 30 ; Certification ID : D1K0JN1A, VPN : VPKKZF-10849-AH	15 x 30			Upsuffixed PWB assembly
24	X		VPKKZF-18B968-BH	LBL-RADO RECV IDENT	-		buy	3	0	1	0	0	pc	KDS Label	Fascoat 2/S2090/BG40Wh IMass Pro; 15 x 30 ; Certification ID : D1K0JN0A, VPN : VPKKZF-10849-BH	15 x 30			Upsuffixed PWB assembly
25	X		VPKKZF-18B968-CB	LBL-RADO RECV IDENT	-		buy	3	0	0	1	0	pc	KDS Label	Fascoat 2/S2090/BG40Wh IMass Pro; 15 x 30 ; Certification ID : D1K0JN1A, ID : K0JG-N7 VPN : VPKKZF-10849-CB	15 x 30		CN00127609	Upsuffix due to new Mass Pro customer drawing (N7)
26	X		VPKKZF-18B968-DB	LBL-RADO RECV IDENT	-		buy	3	0	0	0	1	pc	KDS Label	Fascoat 2/S2090/BG40Wh IMass Pro; 15 x 30 ; Certification ID : D1K0JN0A, ID : K0JG-N6 VPN : VPKKZF-10849-DB	15 x 30		CN00127609	Upsuffix due to new Mass Pro customer drawing (N7)
27	X		VPDZ4F-19G406-AA	SCREW TAPPING 3X14	CMDZ4F19G406-AA20	90314-KVS -F220-M2	buy	2	5	5	5	5	pc(s)	Ginssa	M3x14, MFZn2-H-C		0.8		
28	X		VPKKZF-10B895-AE	METER COMP, COMB	FPKKZF10B895-AE0R	37210-K0J -N110-M1	make	2	1	0	0	0	pc(s)	AVI	Inner case assy (Inner case+LCD+PWBA), ISS		86.3	CN00124912	Upsuffixed PWB assembly
29	X		VPKKZF-10B895-BE	METER COMP, COMB	FPKKZF10B895-BE0R	37210-K0J -N010-M1	make	2	0	1	0	0	pc(s)	AVI	Inner case assy (Inner case+LCD+PWBA), No ISS		86.3	CN00124912	Upsuffixed PWB assembly
30	X		VPKKZF-10B895-CB	METER COMP, COMB	FPKKZF10B895-CB0R	37210-K0J -N710-M1	make	2	0	0	1	0	pc(s)	AVI	Inner case assy (Inner case+LCD+PWBA), ISS		86.3	CN00127609	Upsuffix due to new Mass Pro customer drawing (N7)
31	X		VPKKZF-10B895-DB	METER COMP, COMB	FPKKZF10B895-DB0R	37210-K0J -N610-M1	make	2	0	0	0	1	pc(s)	AVI	Inner case assy (Inner case+LCD+PWBA), No ISS		86.3	CN00127609	Upsuffix due to new Mass Pro customer drawing (N6)
32	X		VPKKZF-10D922-AC	DSPLY ASY-ELETR INSTR IND (SEGMENT	CMKKZF10D922-AC00		buy	3	1	1	1	1	pc(s)	RCL	TN Positive, Glass x2, Polarizer x2, Pin, Transflective, 25pins	ø 100.53	15.8	CN00113317	No change ,P/N upload in GBC
33	X		VPKKZF-10B978-AD	PLT-ICLUS IND MTNG	CMKKZF10B978-AD00		buy	3	1	1	1	1	pc(s)	ASKI	PP-T40, White, CJ930E GSC	ø 100.53	33.6	CN00115715	Added SC
34	X		VEKKZF-10849-AB	K0JA ES/TCS	-		ref	3	ref	ref	0	0	pc(s)	AVI					Added due to different software parameter
35	X		VEKKZF-10849-CA	K0JG ES/TCS	-		ref	3	0	0	ref	ref	pc(s)	AVI					Added due to different software parameter
36	X		VPKKZF-15K520-AA	PWBA + SW	SSKKZF15K520-AA0M		make	3	0	1	0	0	pc(s)	AVI	Without ISS, Software 01.06.01	ø 199.8 x 96 x 1.6		CN00124912	Change P/N to include SW
37	X		VPKKZF-15K520-BA	PWBA + SW	SSKKZF15K520-BA0M		make	3	1	0	0	0	pc(s)	AVI	With ISS, Software 01.06.01	ø 199.8 x 96 x 1.6	36.8	CN00124912	Change P/N to include SW
38	X		VPKKZF-15K520-CA	PWBA + SW	SSKKZF15K520-CA0M		make	3	0	0	0	1	pc(s)	AVI	Without Idle Stop Tell tale	ø 199.8 x 96 x 1.6	36.8	CN00124912	Change P/N to include SW
39	X		VPKKZF-15K520-DA	PWBA + SW	SSKKZF15K520-DA0M		make	3	0	0	1	0	pc(s)	AVI	With Idle Stop Tell tale	ø 199.8 x 96 x 1.6	36.8	CN00124912	Change P/N to include SW

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



Bill Of Material

Part Name : Instrument Cluster

Customer : AHM

Model : K0JA / K0JG






Revision Status : Mass Pro / Mass Pro

Mfg. Plant : 3345 A

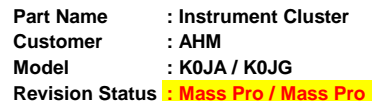
Date : 8 February 2022

Revision No : K0JA_CN00124912






Ref. Docs : K0JA_Consolidated_BOM_CN00127609_20220208.xlsx

Prepared by,  Jemy Akvianto Mechanical Engineer	Prepared by,  Fairuz Alfalah W. Mechanical Engineer	Prepared by,  Bimo Prakoso Electrical Engineer	Checked by,  M. S. Syahied Fauzy Dept Head App Engineer	Approved by,  Ian Aliangyah Director
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Line No.	Level					Part Number	Part Number BAAN	Description	Part type	Level	Qty				Unit	Spec	Packing	Cn#	Change Descriptions	Maker	MPN
	0	2	3	4	5						N0	N1	N6	N7							
1			X			VPKKZF-15K520-AA	SSKKZF15K520-AA0M	PWBA + SW	make	3	1	0	0	0		Without Idling Stop System Indicator		CN00124912	New P/N PWBA + SW		
2			X			VPKKZF-15K520-BA	SSKKZF15K520-BA0M	PWBA + SW	make	3	0	1	0	0		With Idling Stop System Indicator		CN00124912	New P/N PWBA + SW		
3			X			VPKKZF-15K520-CA	SSKKZF15K520-CA0M	PWBA + SW	make	3	0	0	1	0		Without Idling Stop System Indicator and added coating		CN00124912	New P/N PWBA + SW		
4			X			VPKKZF-15K520-DA	SSKKZF15K520-DA0M	PWBA + SW	make	3	0	0	0	1		With Idling Stop System Indicator and added coating		CN00124912	New P/N PWBA + SW		
5			X			VPKKZF-14B115-AF	SSKKZF14B115-AF0M	BD ASY PRNT WIR (N0)	make	4	1	0	0	0	pc	Without Idling Stop System Indicator		CN00124912	Up suffix due to MCU SCR		
6			X			VPKKZF-14B115-BF	SSKKZF14B115-BF0M	BD ASY PRNT WIR (N1)	make	4	0	1	0	0	pc	With Idling Stop System Indicator		CN00124912	Up suffix due to MCU SCR		
7			X			VPKKZF-14B115-CA	SSKKZF14B115-CA0M	BD ASY PRNT WIR (N6)	make	4	0	0	1	0	pc	Without Idling Stop System Indicator and added coating		CN00124912	New P/N for new variant		
8			X			VPKKZF-14B115-DA	SSKKZF14B115-DA0M	BD ASY PRNT WIR (N7)	make	4	0	1	0	1	pc	With Idling Stop System Indicator and added coating		CN00124912	New P/N for new variant		
9			X			SWD100-23837-001R01	-	K0JA ROM (SW)	Reff	4	1	1	1	1	file	SW Version : 01.06.01		CN0015715			
10			X			SWD100-23837-001N01	-	K0JA NVM image	Reff	4	1	1	1	1	file	NVM Version : 01.06.01		CN0015715			
11			X			VPKKZF-14A608-AC	CMKKZF14A608-AC00	BD-PRNT WIR (PWB23966)	buy	4	1	1	1	1	pc(s)	FR-4, Double Side, 194mm x 220mm, 4 Pcs/Panel	Box	CN0015715		DRACO	PWB23966
12			X			AVI-0004789	CODIOTSHINET-2113	ROHS Conformal Coating Shinetsu KE-3423	buy	5	0	0	0.25	0.25	gram			CN00124912		Shin Etsu	KE-3423
13			X			AVI-0001297	-	Label Blank (8x8)mm	buy	5	1.25	1.25	1.25	1.25	pc(s)			CN0015715	1 Panel 4 Pcs Board	Prolabel	8x8 mm
14			X			AVI-0001378	-	Ribbon Face Out	buy	5	16.5	16.5	16.5	16.5	mm			CN0015715		Kahar Duta Sarana	Ribbon Face Out
15			X			AVI-0001265	CODICHLLEADBA-1108	Lead Free Bar 96.5 Sn/3 Ag/0.5 Cu	buy	5	0.2	0.2	0.2	0.2	gram			CN0015715		Alpha Metal	SAC (96.5 Sn/3 Ag/0.5 Cu)
16			X			AVI-0001272	CODICHLFTS10-0354	Flux Tamura EC-19S-10	buy	5	0.03	0.03	0.03	0.03	ml			CN0015715		Tamura	EC-19S-10
17			X			AVI-0002101	CODICHCEMEDI-1109	Cemedine Super X No.8008	buy	5	0.07	0.07	0.07	0.07	ml			CN0015715		Cemedine	SuperX8008
18			X			AVI-0003157	CODICHSLIND-1110	Solder Paste SAC 305 Indium 89 HFA	buy	5	1.5	1.5	1.5	1.5	gram			CN0015715		Indium	89HFA
19			X			DCF00504-AA	CE00DCF00504-AA00	CONN.-C/M - Device Sockets,25,Vertical,Surface Mount	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		IRISO	IMSA-9257S-25Y926
20			X			K222608BFKEABB	CEK222608BFKE-EABB	CAP-CERM,220uF,20%,6.3V,,,0805	buy	5	2	2	2	2	pc(s)		Reel	CN0015715		TAIYO	JMK212BBJ226M8GHT
21			X			N422162CFDESAD	CEN422162CFD-ESAD	CAP-ALUM,220uF,20%,35V,,,105.0C,SMD	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		NICHICON	UUD1V221MNL1GS
22			X			P100009BFDZCAD	CEP100009BFD-ZCAD	RES-TF,0R,,,155.0C,0603	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16JPTP
23			X			P110013BFENAAC	CEP110013BFE-NAAC	RES-TF,10R,1%,125.0mW,100ppm/C,155.0C,0805	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/10K10R0FTP
24			X			P110023BFENAAC	CEP110023BFE-NAAC	RES-TF,100R,1%,125.0mW,100ppm/C,155.0C,0805	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/10K1000FTP
25			X			P110035BFDMCAD	CEP110035BFD-MCAD	RES-TF,1k,5%,100.0mW,200ppm/C,155.0C,0603	buy	5	7	7	7	7	pc(s)		Reel	CN0015715		KAMAYA	WAL04X102JTLJ
26			X			P110035BFNMDAB	CEP110035BFN-MDAB	RES-TF,1k,5%,250.0mW,200.0,125.0C,0804-ARRAY	buy	5	6	6	6	6	pc(s)		Reel	CN0015715		KAMAYA	RAC104D102JCTH
27			X			P110045BFDMCAD	CEP110045BFD-MCAD	RES-TF,10k,5%,100.0mW,200.0,155.0C,0603	buy	5	6	6	6	6	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16-103JTP
28			X			P110045BFEMAAC	CEP110045BFE-MAAC	RES-TF,10k,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/10-103JTP
29			X			P110047BFETAAC	CEP110047BFE-TAAC	RES-TF,10k,0.5%,125.0mW,50.0,125.0C,0805	buy	5	2	2	2	2	pc(s)		Reel	CN0015715		KAMAYA	RGC1/10C1002DTP
30			X			P110053BFDMCAD	CEP110053BFD-MCAD	RES-TF,100k,1%,100.0mW,100ppm/C,155.0C,0603	buy	5	2	2	2	2	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16K1003FTP
31			X			P112025BFDMCAD	CEP112025BFD-MCAD	RES-TF,120R,5%,100.0mW,200ppm/C,155.0C,0603	buy	5	2	2	2	2	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16-121JTP
32			X			P112035BFFMAAE	CEP112035BFF-MAAE	RES-TF,1,2k,5%,250.0mW,200ppm/C,155.0C,1206	buy	5	2	2	2	2	pc(s)		Reel	CN0015715		KAMAYA	RMC1/8-122JTP
33			X			P114033BFDNCAD	CEP114033BFD-NCAD	RES-TF,1.4k,1%,100.0mW,100ppm/C,155.0C,0603	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16K1401FTP
34			X			P115013BFFNAAE	CEP115013BFF-NAAE	RES-TF,15R,1%,250.0mW,100ppm/C,155.0C,1206	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/8K15R0FTP
35			X			P115035BFDMCAD	CEP115035BFD-MCAD	RES-TF,1.5k,5%,100.0mW,200ppm/C,155.0C,0603	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16-152JTP
36			X			P115035BFJMAAE	CEP115035BFE-JMAAE	RES-TF,1.5k,5%,250.0mW,200ppm/C,155.0C,1206	buy	5	2	2	2	2	pc(s)		Reel	CN0015715		KAMAYA	RMC1/8-152JTP
37			X			P115433BFFNAAE	CEP115433BFF-NAAE	RES-TF,1.54k,1%,250.0mW,100.0,155.0C,1206	buy	5	7	7	7	7	pc(s)		Reel	CN0015715		KAMAYA	RMC1/8K1541FTP
38			X			P120035BFDMCAD	CEP120035BFD-MCAD	RES-TF,2k,5%,100.0mW,200.0,155.0C,0603	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16-202JTP
39			X			P120035BFJMAAE	CEP120035BFE-JMAAE	RES-TF,2k,5%,250.0mW,200ppm/C,155.0C,1206	buy	5	2	2	2	2	pc(s)		Reel	CN0015715		KAMAYA	RMC1/8-202JTP
40			X			P120045BFEMAAC	CEP120045BFE-MAAC	RES-TF,20k,5%,125.0mW,200ppm/C,155.0C,0805	buy	5	3	3	3	3	pc(s)		Reel	CN0015715		KAMAYA	RMC1/10-203JTP
41			X			P122033BFENAAC	CEP122033BFE-NAAC	RES-TF,2.2k,1%,125.0mW,100ppm/C,155.0C,0805	buy	5	2	2	2	2	pc(s)		Reel	CN0015715		KAMAYA	RMC1/10K201FTP
42			X			P122035BFDMCAD	CEP122035BFD-MCAD	RES-TF,2.2k,5%,100.0mW,200ppm/C,155.0C,0603	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16-222JTP
43			X			P122043BFDNCAD	CEP122043BFD-NCAD	RES-TF,22k,1%,100.0mW,100ppm/C,155.0C,0603	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16K2202FTP
44			X			P122043BFENAAC	CEP122043BFE-NAAC	RES-TF,22k,1%,125.0mW,100ppm/C,155.0C,0805	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/10K2202FTP
45			X			P124025BFDMCAD	CEP124025BFD-MCAD	RES-TF,240R,5%,100.0mW,200ppm/C,155.0C,0603	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16-241JTP
46			X			P124033BFDNCAD	CEP124033BFD-NCAD	RES-TF,2.4k,1%,100.0mW,100ppm/C,155.0C,0603	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16K2401FTP
47			X			P124035BFFMAAE	CEP124035BFF-MAAE	RES-TF,2.4k,5%,250.0mW,200ppm/C,155.0C,1206	buy	5	2	4	2	4	pc(s)		Reel	CN0015715		KAMAYA	RMC1/8-242JTP
48			X			P127043BFDNCAD	CEP127043BFD-NCAD	RES-TF,27k,1%,100.0mW,100ppm/C,150.0C,0603	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16K2702FTP
49			X			P130033BFDNCAD	CEP130033BFD-NCAD	RES-TF,3k,1%,100.0mW,100ppm/C,155.0C,0603	buy	5	2	2	2	2	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16K3001FTP
50			X			P130045BFEMAAC	CEP130045BFE-MAAC	RES-TF,30kOhm,5%,125mW,200PPM/C,155C,08	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/10-303JTP
51			X			P130147BFETAAC	CEP130147BFE-TAAC	RES-TF,30.1k,0.5%,125.0mW,50.0,125.0C,0805	buy	5	2	2	2	2	pc(s)		Reel	CN0015715		KAMAYA	RGC1/10C3031DTP
52			X			P139043BFDNCAD	CEP139043BFD-NCAD	RES-TF,39k,1%,100.0mW,100ppm/C,155.0C,0603	buy	5	1	1	1	1	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16K3902FTP
53			X			P147035BFDMCAD	CEP147035BFD-MCAD	RES-TF,4.7k,5%,100.0mW,200ppm/C,155.0C,0603	buy	5	8	8	8	8	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16-472JTP
54			X			P147045BFDMCAD	CEP147045BFD-MCAD	RES-TF,47k,5%,100.0mW,200ppm/C,155.0C,0603	buy	5	2	2	2	2	pc(s)		Reel	CN0015715		KAMAYA	RMC1/16-473JTP
55			X			P1515															



Mfg. Plant	: 3345 A	Jenny Akvianto	Fair
Date	: 8 February 2022	Mechanical Engineer	Mech
Revision No	: 8 (CN00124912)		
Ref. Docs	: K0JA Consolidated BOM CN00127609 20220208.xlsx		






Prepared by,	Prepared by,	Prepared by,	Checked by,	Approved by
				
Jemy Akvianto	Fairuz Alfalah W.	Bimo Prakoso	M. S. Syarif Fauzy	Ian Aliansyah
Mechanical Engineer	Mechanical Engineer	Electrical Engineer	Dept Head App Engineer	Director

Line No.	Level					Part Number	Part Number BAAN	Description	Part type	Level	Qty				Unit	Spec	Packing	CN#	Change Descriptions	Maker	MPN
	0	2	3	4	5						N0	N1	N6	N7							
81					X	P651001BFCAX00	CEP651001BFC-AX00	XSTR-BP.NPN.80V.1A.SOT-89	buy	5	1	1	1	1	pc(s)		Reel	CN00115715	INFINEON	BCX 56-10 H6327	
82					X	P660303BFAAX00	CEP660303BFA-A-X00	XSTR-BRES.N-Channel.50V.100mA.SOT-23	buy	5	1	1	1	1	pc(s)		Reel	CN00115715	NEXPERIA	PDTC1432T.235	
83					X	P670009BFAAX00	CEP670009BFA-A-X00	XSTR-BP.N-Channel.45V.100mA.SOT363	buy	5	1	1	1	1	pc(s)		Reel	CN00115715	NEXPERIA	BC847BS.115	
84					X	P671007BFBXL00	CEP671007BFB-LX00	XSTR-BP.comple.65V.100mA.SOT363	buy	5	2	2	2	2	pc(s)		Reel	CN00115715	ONSEMI	SSVB8C46BPDW1T1G	
85					X	P700034CFGBX00	CEP700034CFG-BX00	IC-COMP.COMP.S01C	buy	5	1	1	1	1	pc(s)		Reel	CN00115715	TI	LM2903QDRQ1	
86					X	P701156CFFC000	CEP701156CFF-C000	IC-REG.VR.LIN.MCSP	buy	5	1	1	1	1	pc(s)		Reel	CN00115715	TI	TPS7A665QDQNGRQ1	
87					X	P7605770FL0000	CEP7605770FL-0000	IC-PROC.16bit.MCU.LFQFP	buy	5	Alt	Alt	Alt	Alt	pc(s)	R5F10CGDLFB	Tray	CN00115715	Tray Package	RENESAS	R5F10CGDLFB#H2G
88					X	P7605770FL0001	CEP7605770FL-0001	IC-PROC.16bit.MCU.LFQFP	buy	5	1	1	1	1	pc(s)	R5F10CGDCLFB	Tray	CN00115715	Tray Package	RENESAS	R5F10CGDCLFB#H2G
89					X	P770056CFCN000	CEP770056CFN-C000	IC-MEM.EEPROM.TSSOP	buy	5	1	1	1	1	pc(s)		Reel	CN00115715	ST MICRO	M24C04-DRDWF3TP/K	
90					X	PCA00389-AB	CE00PCA00389-AB00	CONN./I/O - Thru Hole Headers,16,Vertical,Thru hole	buy	5	1	1	1	1	pc(s)	Post Plate	Tray	CN00115715		IRISO	IMS-A9937B-16A-TM2
91					X	PE13002BFA3200	CEPE13002BFA-3200	DIOD-LED.GREEN.SMD	buy	5	2	3	2	3	pc(s)	Nichia NESG146AT (1000-1720 mcd)	Reel	CN00115715		NICHIA	NESG146AT-G-Cd1000,Cd1200,Cd1440
92					X	PE18001CFA3100	CEPE18001CFA-3100	DIOD-LED.AMBER.P-LCC-2	buy	5	1	1	1	1	pc(s)	Osram LY-T676-S1T1 (180-355 mcd)	Reel	CN00115715		OSRAM	LYT676-S1T1-35 (Q65110A3818)
93					X	PE23002BFA34AA	CEPE23002BFA-34AA	DIOD-LED.WHITE.P-LCC-2	buy	5	2	2	2	2	pc(s)	Nichia NSSW046AT-B2-WX21X2 (2400-4000 mcd)	Reel	CN00115715		NICHIA	NSSW064AT-B2-WX21X2
94					X	PE710177BFA3200	CEPE710177BFA-3200	DIOD-LED.BLUE.SMD	buy	5	1	1	1	1	pc(s)	Nichia NHSB146AT (75-105mcd)	Reel	CN00115715		NICHIA	NHSB146AT-W-Cd75,Cd90,Cd105
95					X	PR80019BFH1AEJ	CEPR80019BFH-1AEJ	RESON-CERM.8MHz.0.5% FU - Fundamental Mode,CSTCE G_A	buy	5	1	1	1	1	pc(s)		Reel	CN00115715		MURATA	CSTCE8M0055A-R01
96					X	VPV00020FDK000	CEPV00020FD-K000	RES-VAR.50J.16V.43V.125.0C.14MM DISK	buy	5	1	1	1	1	pc(s)		Box	CN00115715		TDK	B72214S1140K561
97					X	VPBZRF-13N203-AA	CMBZRF13N203-AA10	SCREW BTP 3X6 (SWRCH16A)	buy	5	2	2	2	2	pc(s)	SWRCH16A	Box	CN00115715	Change from SWRCH18A	Nitto Alam	SWRCH16A

○ : change

Distribution List:

[illegible]

Prepared by,	Prepared by,	Prepared by,	Checked by,	Approved by,
				
Jemy Akvianto	Fairuz Alfalah W.	Bimo Prakoso	M. S. Syahied Fauzy	Ian Aliarsyah
Mechanical Engineer	Mechanical Engineer	Electrical Engineer	Dept Head App Engineer	Director

Revision History				
Date	Revision no.	CN	CDSID	Description of change
8-Aug-18	0	CN00113317	AATMOJO	Initial Release
30-Aug-18	1	K0JA_BOM_v3.1	ESWASONO	SPEEDOMETER ASSY part number suffix change
				MASK name change to MSK - I / CLUS (as on DWG)
				MASK name change to MSK - I / CLUS (as on DWG)
				METER COMP, COMB part number suffix change
				BD ASY PRNT WIR (D0) add suffix on P/N
				BD ASY PRNT WIR (D1) add suffix on P/N
				LBL-BLANK change
3-Jan-19	2	CN00115715	ESWASONO	Release BOM for PP1
				MBOM: Changing Printing requirement on MASK
				Added some dimensions and SC for production control (no design change)
18-Mar-19	3	CN00116654	ESWASONO	Release BOM for PP2
				Customer drawing change (change tolerance on fitting dimension & change label)
				37100-K0JA-N111-M1 -> 37100-K0JA-N112-M1
				37100-K0JA-N011-M1 -> 37100-K0JA-N012-M1
				Up Suffix Speedmeter ASSY, due to child part up suffix and customer drawing alignment
				VPKKZF-10849-AD --> VPKKZF-10849-AE
				VPKKZF-10849-BD --> VPKKZF-10849-BE
				Up suffix MSK ASY-I/CLUS, due to child part up suffix
				VPKKZF-10890-AC --> VPKKZF-10890-AD
				VPKKZF-10890-BC --> VPKKZF-10890-BD
				Up suffix MASK, due to printing requirement change
				VPKKZF-10894-AC --> VPKKZF-10894-AE (Skip AD, refer to PD BOM)
				VPKKZF-10894-BC --> VPKKZF-10894-BE (Skip BD, refer to PD BOM)
				Up suffix DSPLY ASY-ELETR INSTR IND (SEGMENT), No specification change
				VPKKZF-10D922-AB -> VPKKZF-10D922-AC
				Up suffix PLT-I/CLUS IND MTNG, added SC point
				VPKKZF-10B978-AC -> VPKKZF-10B978-AD
				Add colomn for BAAN P/N
				P/N change METER ASSY COMB, due to Customer drawing update
				37100-K0JA-N112-M1 --> 37100-K0J -N110-M1
				37100-K0JA-N012-M1 --> 37100-K0J -N010-M1
				Up suffix SPEEDMETER ASSY , due to child part up suffix
				VPKKZF-10849-AE(FSKKZF010849-AE0M) --> VPKKZF-10849-AF(FSKKZF010849-AF0M)
				VPKKZF-10849-BE(FSKKZF010849-BE0M) --> VPKKZF-10849-BF(FSKKZF010849-BF0M)
				Up suffix MSK ASY-I/CLUS , due to child part up suffix
				VPKKZF-10890-AD --> VPKKZF-10890-AE

Revision History								
Date	Revision no.	CN	CDSID	Description of change				
14-Jun-19	4	CN00117042	ESWASONO	VPKKZF-10890-BD --> VPKKZF-10890-BE				
				Up suffix MASK , due to printing specification change				
				VPKKZF-10894-AE --> VPKKZF-10894-AF				
				VPKKZF-10894-BE --> VPKKZF-10894-BF				
				Remove LBL-Blank 15 x 30 (VPKKZF-18B968-AA) and Ribbon (AVI-0000198) to be aligned with BAAN system				
				Add New Item, LBL-RADO RECV IDENT for label content reference				
				VPKKZF-18B968-AF				
				VPKKZF-18B968-BF				
				Add new BAAN P/N of SCREW TAPPING 3x14 for Ginsa (Supplier)				
				CMDZ4F19G406-AA20				
21-Oct-19	5	CN00118021	AATMOJO	Additional Column for Costumer Part Number				
				Additional Column for Costumer Part Name				
				P/N change METER ASSY COMB, due to Customer drawing update				
				37100-K0J -N110-M1 → 37100-K0J -N111-M1				
				37100-K0J -N011-M1 → 37100-K0J -N011-M1				
				Up suffix SPEEDMETER ASSY , due to customer drawing up suffix				
				VPKKZF-10849-AF → VPKKZF-10849-AG FSKKZF010849-AF0M → FSKKZF010849-AG0M				
				VPKKZF-10849-BF → VPKKZF-10849-BG FSKKZF010849-BF0M → FSKKZF010849-BG0M				
				Upsuffix LBL-RADO RECV IDENT part number due to Clus Asy Instr up suffix				
				VPKKZF-18B968-AF → VPKKZF-18B968-AG				
				VPKKZF-18B968-BF → VPKKZF-18B968-BG				
				Add MSK ASY-I/CLUS Costumer Part Number and Costumer Part Name for Service Part				
				37211-K0J- N110-M1 CASE UPPER ASSY FPKKZF010890-AE0R				
				37211-K0J- N010-M1 CASE UPPER ASSY FPKKZF010890-BE0R				
				Add CVR ASSY Costumer Part Number and Costumer Part Name for Service Part				
				37212-K0J- N010-M1 CASE UNDER ASSY FPKKZF10A894-AC0R				
				Add METER COMP, COMB Costumer Part Number and Costumer Part Name for Service Part				
				37210-K0J- N110-M1 SPEEDOMETER COMP FPKKZF10B895-AD0R				
				37210-K0J- N010-M1 SPEEDOMETER COMP FPKKZF10B895-BD0R				
				Change Maker and (MPN) due to 129/4MC/2019				
				P110035BFDMCAD KAMAYA (RMC1/16-102JTP) -> WAL SIN TECHNOLOGY (WA04X102JTLJ)				
				P210167BFJAAAB KEMET (C0805C101K1GAC3123) -> KAMAYA (MT21N101K101CT)				
				P210247BFKAAAA KAMAYA (GCM188R71H102KA15D)-> KAMAYA (MT18B102K500CT)				
				P210347BFKAAAA KAMAYA (MT18B103K500CT) -> KAMAYA (MT18B103K500CT)				
				P210447BFKAAAB KAMAYA (C0805C104K5RAC) -> KAMAYA (MT2B104K500CT)				
				P247347BFKAAAB KAMAYA (GCM21BR71H473KA15L) -> KAMAYA (MT21B473K500CT)				
				Additional Column for N1 Export and N0 Export				
				Add new SPEEDMETER ASSY due to AHM Export				
				VPKKZF-10849-AG-E FSKKZF010849-AG0E KOJA, Without ISS, AHM Export				
				VPKKZF-10849-BG-E FSKKZF010849-BG0E KOJA, With ISS, AHM Export				
				Add new LBL-RADO RECV IDENT due to add new SPEEDMETER ASSY p/n for AHM export				
				VPKKZF-18B968-AG-E Fascoat 2/S2090/BG40Wh Imp; 15 x 30 ; Certification ID : D1K0JN1A, VPN : VPKKZF-10849-AG-E				
				VPKKZF-18B968-BG-E Fascoat 2/S2090/BG40Wh Imp; 15 x 30 ; Certification ID : D1K0JN0A, VPN : VPKKZF-10849-BG-E				
								Add new P/N for K0JG Cluster due to Customer Drawing
								Cust P/N VPN P/N

Revision History						
Date	Revision no.	CN	CDSID	Description of change		
7-Sep-21	7	CN00124912	JAKVIANT	37100-K0JG-N710-M1	VPKKZF-10849-CA	K0JG N7 (ISS)
				37100-K0JG-N610-M1	VPKKZF-10849-DA	K0JG N6 (No ISS)
				37210-K0J- N710-M1	VPKKZF-10B895-CA	K0JG N7 METER COMP, COMB
				37210-K0J- N610-M1	VPKKZF-10B895-DA	K0JG N6 METER COMP, COMB
				Upsuffix Speedometer assy P/N KOJA due to update IC Micro (PWBA)		
				VPKKZF-10849-AG	>	VPKKZF-10849-AH
				VPKKZF-10849-BG	>	VPKKZF-10849-BH
				Upsuffix Meter Comb, Comb P/N KOJA due to update IC Micro (PWBA)		
				VPKKZF-10B895-AE	>	VPKKZF-10B895-AF
				VPKKZF-10B895-BE	>	VPKKZF-10B895-BF
				Change PWBA P/N follow PWBA + SW		
				VPKKZF-14B115-AE	>	VPKKZF-15K520-AA
				VPKKZF-14B115-BE	>	VPKKZF-15K520-BA
				Added TCS / ES due to different software parameter		
				VEKKZF-10849-AB		
				VEKKZF-10849-CA		
			BPRAKOSO	Change PWBA P/N follow PWBA + SW		
				VPKKZF-15K520-AA		
				VPKKZF-15K520-BA		
				VPKKZF-15K520-CA		
				VPKKZF-15K520-DA		
				Change MCU to new P/N due to supplier SCR		
				P7605770FL0000	=>	P7605770FL0001
8-Feb-22	8	CN00127609	JAKVIANT/ALFA	Upsuffix Customer P/N due to new MP cust Drawing		
				37100-K0JG-N710-M1	=>	37100-K0J -N710-M1
				37100-K0JG-N610-M1	=>	37100-K0J -N610-M1
				Upsuffix SPEEDMETER ASSY due to New MP cust drawing		
				VPKKZF-10849-CA	=>	VPKKZF-10849-CB
				VPKKZF-10849-DA	=>	VPKKZF-10849-DB
				FSKKZF010849-CA0M	=>	FSKKZF010849-CB0M
				FSKKZF010849-DA0M	=>	FSKKZF010849-DB0M
				Upsuffix LABEL due to New MP cust drawing		
				VPKKZF-18B968-CA	=>	VPKKZF-18B968-CB
				VPKKZF-18B968-DA	=>	VPKKZF-18B968-DB
				Upsuffix Inner Case Assy due to New MP cust drawing		
				VPKKZF-10B895-CB	=>	VPKKZF-10B895-CB
				VPKKZF-10B895-DB	=>	VPKKZF-10B895-DB
				FPKKZF10B895-CA0R	=>	FPKKZF10B895-CB0R
				FPKKZF10B895-DA0R	=>	FPKKZF10B895-DB0R