## **Bill Of Material**



Part Name : Instrument Cluster Customer Model : HVN : K2ZA/K3AA

Revision Status : MP Event Rev Plant Code Date Revision No Ref. Docs.

: AVV : 29 April 2022 : 6 (CN00128696)

: (Draft) K2ZA\_Consolidated\_BOM\_PP3\_CN00128696\_2022xxxx

Prepared by,	Prepared by,	Approved by,
4001	Jh.	
Jemy Akvianto	Bimo Prakoso	M.S.Syahied Fauzy
Mechanical Engineer	Electrical Engineer	Dept. Head R&D

Line No.	Leve	el	Part Number	Description	BAAN Part Number Max=17	Costumer Part Number	Costumer Part Name	Part	Level	PWBA	MEIKO	Qty	у	PWBA AVI	ı		Unit	Supplier	Spec	Dimension L x W x D (mm)	Mass (gr)	CN#	Note
Manuel	0 1 2 2	14 5	Max=22	Man=20	Max-17			type	K2ZA	TI K3AA	MA K2ZA	XIM K3AA I	TI K2ZA K3.	AA K2Z	MAXIM	AA				EXWXD (IIIII)	(81)		
1	X X	, 4 5	37100-K2Z -V011-M1	SPEEDOMETER COMB				Make	0 1	K3AA	1		1	- K2Z	1	. L	Jnit	AVV	With ABS Indicator	301x143x84	468	M-22 F0423	Upsuffixed - Updated customer part number
2	х		37100-K3A -V011-M1	SPEEDOMETER COMB	-			Make	0 -	1		1	-	1 .	-	1 U	Jnit	AVV	Without ABS Indicator	301x143x84	468	M-22 F0423	Upsuffixed - Updated customer part number
3	х	<u> </u>	/PMK3F-10849-AH	SPEEDMETER ASSY (K2ZA)	FSMK3F010849-AH0M	37100-K2Z -V011-M1		Make	1 1				-		-	- U	Unit	AVV	With ABS Indicator, PWBA Melko, IC TI. SW ver. 01.05.03	301x143x84	468	CN00128696	Upsuffixed - New SW Implementation
4	х	<u> </u>	/PMK3F-10849-BH	SPEEDMETER ASSY (K3AA)	FSMK3F010849-BH0M	37100-K3A -V011-M1		Make	1 -	1			-		-	- U	Jnit	AVV	Without ABS Indicator, PWBA Meiko, IC TI. SW ver. 01.05.03	301x143x84	468	CN00128696	Upsuffixed - New SW Implementation
5	X		/PMK3F-10849-AG /PMK3F-10849-BG	SPEEDMETER ASSY (K2ZA) SPEEDMETER ASSY (K3AA)	FSMK3F010849-AG1M FSMK3F010849-BG1M	37100-K2Z -V011-M1 37100-K3A -V011-M1		Make Make	1 -	-	1		-		-	- L	Jnit	AVV	With ABS Indicator, PWBA Melko, IC Maxim. SW ver. 01.05.02  Without ABS Indicator, PWBA Melko, IC Maxim SW ver. 01.05.02	301x143x84 301x143x84	468	CN00128472 CN00128472	Added Part Number due to dual source PWBA  Added Part Number due to dual source PWBA
7	X	H	/PMK3F-10849-BG	SPEEDMETER ASSY (K2ZA)	FSMK3F010849-BG1M FSMK3F010849-AH2M	37100-K3X -V011-M1		Make	1 -	+÷	-		1		-	. I	Init	AVV	With ABS Indicator, PWBA AVI, IC TI. SW ver. 01.05.03	301x143x84	468	CN00128472	Linsuffixed - New SW Implementation
8	X	11	/PMK3F-10849-BH	SPEEDMETER ASSY (K3AA)	FSMK3F010849-BH2M	37100-K3A -V011-M1		Make	1 -				-	1	-	- U	Jnit	AVV	Without ABS Indicator, PWBA AVI, IC TI. SW ver. 01.05.03	301x143x84	468	CN00128696	Upsuffixed - New SW Implementation
9	х		/PMK3F-10849-AG	SPEEDMETER ASSY (K2ZA)	FSMK3F010849-AG3M	37100-K2Z -V011-M1		Make	1 -	٠.			-	- 1	1	- U	Jnit	AVV	With ABS Indicator, PWBA AVI, IC Maxim. SW ver. 01.05.02	301x143x84	468	CN00128472	Added Part Number due to dual source PWBA
10	х	<b>\</b>	/PMK3F-10849-BG	SPEEDMETER ASSY (K3AA)	FSMK3F010849-BG3M	37100-K3A -V011-M1		Make	1 -				-		-	1 U	Unit	AVV	Without ABS Indicator, PWBA AVI, IC Maxim. SW ver. 01.05.02	301x143x84	468	CN00128472	Added Part Number due to dual source PWBA
11	Х	-	/PMK3F-10C845-AA	LENS ASSY -I /CLUS	FPMK3F10C845-AA0R	37211-K1F -V010-M1	LENS ASSY	Make	2 1	0	1	0		0 .	-	0 L	Unit	AVV	With ABS indicator + Antifog+ Knob+Glue	251x120x27,9	120	CN00128380	Added new part number for K2ZA
12	Х	-	/PMK3F-10C845-BA	LENS ASSY -I /CLUS	FPMK3F10C845-BA0R	37211-K1G -V010-M1	LENS ASSY	Make	2 0	1	0	1	v	1 (	_	1 U	Jnit	AVV	Without ABS indicator + Antifog+ Knob+Glue	251x120x27,9	120	CN00128380	Added new part number for K3AA
13	X		/PMK3F-10894-AA	UPPER CASE / MASK	CMMK3F010894-AA00			Buy	3 1	0	1	0	1	0 1		0 p	x(s)	SSP	Insert AES Black, PMMA clear, printed, 5 layers, ABS	251x120x27,9	112	CN00128380	New part number for Material change to W245
15	X		/PMK3F-10894-BA /P9BQF-19D543-AA	UPPER CASE / MASK ANTI_FOG_COATING_MATERIAL(CT-LQD)	CMMK3F010894-BA00	-		Buy	3 0.25	0.25	0.25	0.25	v	1 0		1 p	xc(s)	Yamamitsu Oil	Insert AES Black, PMMA clear, printed, 5 layers, w/o ABS  Yamamitsu Oil, Glass Shut,	251x120x27,9	112 0.3	CN00128380 CN00127150	New part number for Material change to W245  Update usage as per K1FA
16	X	Н	/PKK3F-17A381-AC	KB-ODOM RST CONTR-SEL	CMKK3F17A381-AC00			Buy	3 1	1	1	1	1	1	1	1 n	n(s)	First Rubber	EPDM - BLACK ( HES A1 6510)	34.4x16.74x40	4	CN00118201	Up suffix due to Sulpfur content test changed on drawing
17	×		/PKK3F-17A381-BC	KB-ODOM RST CONTR-SET	CMKK3F17A381-BC00			Buy	3 1	1	1	1	1	1 1	1	1 p	x(s)	First Rubber	EPDM - BLACK ( HES A1 6510)	34,4x16,74x40	4	CN00118201	Up suffix due to Sulpfur content test changed on drawing
18	х		AVI0002101	GLUE, SILICONE CLEAR	CODICHCEMEDI-1109	-	-	Buy	3 2.4	2.4	2.4	2.4	2.4	2.4 2	.4 2	2.4	ml	Cemedine	ADHESIVE - SILICONE Cemedine Super X - No.8008 Clear	-	0.22	CN00118910	Change quantity od usage
19	Х		/PKK3F-10A894-AD	CVR-I/CLUS HSG	FPKK3F10A894-AD0R	37212-K1F -V010-M1	CASE ASSY	Make	2 1	1	1	1	1	1 '	1	1 p	x(s)	AVV	Case lower + FLTR - Ven Air + GSKT-I/CLUS		166	CN00118201	Up suffix due to child part up suffix
20	X		/PKK3F-10A855-AC	CASE LOWER / REAR COVER	CMKK3F10A894-AC00			Buy	3 1	1	1	1	1	1 1		1 p	x(s)	HPC	PP-T30 BLACK, GSC IA920T	301x143x70,2	161	CN00118201	Up suffix due to drawing updation for Datum change
21	X		/PGZKF-19N551-AA	FLTR-VEN AIR	CMGZKF19N551-AA10	-		Buy	3 6	6	6	6		6 6	_	6 p	x(s)	Nitto	NITTO DENKO TEMISH # S-NTF1033-N06T	-	1	-	
22	X		/PKK3F-19G288-AC	GSKT-I /CLUS	CMKK3F19G288-AC00			Buy	3 1	1	1	1		1 1		1 p	x(s)	IRC	EPDM SPONGE-BLACK (EXTRUDED), SG 0.5 ±0.1	Ø3,25x557	4	CN00118201	Up suffix due to Sulpfur content test changed on drawing
23	X	11	/PDZ4F-19G406-AA /PMK3F-10B895-AF	SCREW TAPPING 3X14 METER COMP. COMB	CMDZ4F19G406-AA10 EPMK3F10R895-AF0R	90314-KVS -F220-M2 37210-K2Z -V010-M1	SCREW TAPPING M3X14 METER COMP	Buy	2 12	12	12	12	12	12 1	2 1	12 p	xc(s)	Wacoh	MFZn2-HC With ABS indicator , PWBA Meiko, IC TI, SW ver. 01.05.03	- 192 2X76 8X50 8	24	CNOOADOCOC	Add service part number
25	X		/PMK3F-10B895-RE	METER COMP, COMB	FPMK3F10B895-REOR	37210-K2Z -V010-M1	METER COMP	Make	2 -	1	-	-	-		-	- P	x(s)	AVV	Without ABS indicator , PWBA Melko, IC TJ. SW ver. 01.05.03	192.2X76.6X50.6		CN00128696	Unsuffixed - Software Undate
26	X	1	/PMK3F-10B895-AD	METER COMP, COMB	FPMK3F10B895-AD1R	37210-K2Z -V010-M1	METER COMP	Make	2 -	+	1	-	-		-	- p	x(s)	AVV	With ABS indicator , PWBA Melko, IC Maxim. SW ver. 01.05.02	192.2X76.8X50.8	-	CN00127828	Added Part Number due to dual source PWBA
27	х		/PMK3F-10B895-BD	METER COMP, COMB	FPMK3F10B895-BD1R	37210-K3A -V010-M1	METER COMP	Make	2 -	-	-	1	-		-	- p	x(s)	AVV	Without ABS indicator ,PWBA Melko, IC Maxim. SW ver. 01.05.02	192.2X76.8X50.8	-	CN00127828	Added Part Number due to dual source PWBA
28	Х	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/PMK3F-10B895-AE	METER COMP, COMB	FPMK3F10B895-AE2R	37210-K2Z -V010-M1	METER COMP	Make	2 -	-		-	1		-	- p	x(s)	AVV	With ABS indicator , PWBA AVI, IC TI. SW ver. 01.05.03	192.2X76.8X50.8	-	CN00128696	Upsuffixed - Software Update
29	Х	<u> </u>	/PMK3F-10B895-BE	METER COMP, COMB	FPMK3F10B895-BE2R	37210-K3A -V010-M1	METER COMP	Make	2 -	-	-	-	-	1 -	-	- p	x(s)	AVV	Without ABS indicator , PWBA AVI, IC TI. SW ver. 01.05.03	192.2X76.8X50.8	-	CN00128696	Upsuffixed - Software Update
30	Х		/PMK3F-10B895-AD	METER COMP, COMB	FPMK3F10B895-AD3R	37210-K2Z -V010-M1	METER COMP	Make	2 -	-	-	-	-	- '	1	- p	x(s)	AVV	With ABS indicator , PWBA AVI, IC Maxim. SW ver. 01.05.02	192.2X76.8X50.8	-	CN00127828	Added Part Number due to dual source PWBA
31	X,	ж	/PMK3F-10B895-BD /PKK3F-10B978-AC	METER COMP, COMB PLT-I/CLUS IND MTNG	FPMK3F10B895-BD3R CMKK3F10B978-AC00	37210-K3A -V010-M1	METER COMP	Make Buy	2 -	+ -	-	-	-		-	1 p	xc(s)	AVV	Without ABS indicator , PWBA AVI, IC Maxim. SW ver. 01.05.02  PP-T40 WHITE, GSC CJ930E	192.2X76.8X50.8 199,2x76,83x26,51		CN00127828 CN00118201	Added Part Number due to dual source PWBA  Up suffix due to modify on 3D drawing
33	X		/PKK3F-10B976-AC	RET - ODOM RST CONTR KB-KNOB SHAFT	CMKK3F17C265-AB00			Buy	3 2	2	2	2	2	2 2	2	1 P	x(s)	HPC	PP TD30, GSM IA920T	Ø13x24	4	CN00118201	Add Note "Flash not allowed"
34	X	< I	/PKK3F-10887-AB	MBR FRT CS LWR-LIGHT GUIDE	CMKK3F010887-AB00			Buy	3 1	1	1	1	1	1 1	1	1 p	x(s)	HPC	PMMA - Clear	101,74x53x13	20	CN00115520	
35	Х	(	/PKK3F-19A023-AB	FLTR RADO RECVR DI LT-DIFFUSER	CMKK3F19A023-AB00		-	Buy	3 1	1	1	1	1	1 '	1	1 p	x(s)	Fuji Name	PC SHEET-0.5 mm THK, 3 printing layers	103,5x60,9x1	4	CN00115520	
36	X	< N	/PKK3F-10D922-AB	DSPLY ASY-ELETR INSTR IND (SEGMENT	CMKK3F10D922-AB00			Buy	3 1	1	1	1	1	1 '	1	1 p	x(s)	RCL	TN Negative with Pin Type	99x58,8x20,15	42	CN00115520	
39	x	c ,	/PMK3F-18B968-AH	LBL-RADO RECV IDENT	-			Ref	3 1	-	-	-	-		-	- p	x(s)	AVV	UH71-AA 60 x 15 mm, ribbon for label 60 x 15 mm, certification number : D1K1FV0A VPN : VPMK3F-10849-AE Cust. PN : 37100-K2Z -V011-M1, PWBA Meiko, IC TI	60 x 15	-	CN00128696	update SW from 01.05.02 to 01.05.03
40	x		/PMK3F-18B968-BH	LBL-RADO RECV IDENT				Ref	3 -	1			-		-	- p	x(s)	AVV	UH71-AA 60 x 15 mm, ribbon for label 60 x 15 mm , certification number : - VPN : VPMK3F-10849-BE Cust. PN : 37100-K3A - V011-M1 , PWBA Meiko, IC TI	60 x 15	-	CN00128696	update SW from 01.05.02 to 01.05.03
-	+	H													-				UH71-AA 60 x 15 mm, ribbon for label 60 x 15 mm, certification number : D1K1FV0A				
41	X	( )	/PMK3F-18B968-AG1	LBL-RADO RECV IDENT	-	•	-	Ref	3 -	-	1	-	-		-	- p	x(s)	AVV	DTKTF-V0A VPN : VPMK3F-10849-AE Cust. PN : 37100-K2Z -V011-M1, PWBA Meiko, IC Maxim	60 x 15	-	CN00125058	Added Part Number due to dual source PWBA
42	х	c 1	/PMK3F-18B968-BG1	LBL-RADO RECV IDENT	-			Ref	3 -	-	-	1	-		-	- p	x(s)	AVV	UH71-AA 60 x 15 mm, ribbon for label 60 x 15 mm , certification number : - VPN : VPMK3F-10849-BE Cust. PN : 37100-K3A - V011-M1 , PWBA Meiko, IC Maxim	60 x 15	-	CN00125058	Added Part Number due to dual source PWBA
-	$^{++}$	++													-				UH71-AA 60 x 15 mm, ribbon for label 60 x 15 mm, certification number :				
43	×		/PMK3F-18B968-AH2	LBL-RADO RECV IDENT	*	•		Ref	3 -	-	,	-	1	- '		- p	x(s)	AVV	D1K1FV0A VPN: VPMK3F-10849-AE Cust. PN: 37100-K2Z -V011-M1, PWBA AVI, IC TI	60 x 15	-	CN00128696	update SW from 01.05.02 to 01.05.03
44	х	c	/PMK3F-18B968-BH2	LBL-RADO RECV IDENT	-		-	Ref	3 -	-	-	-	-	1 -	-	- р	x(s)	AVV	UH71-AA 60 x 15 mm, ribbon for label 60 x 15 mm , certification number : - VPN : VPMK3F-10849-BE Cust. PN : 37100-K3A -V011-M1 , PWBA AVI, IC TI	60 x 15	-	CN00128696	update SW from 01.05.02 to 01.05.03
45	x	d 1	/PMK3F-18B968-AG3	LBL-RADO RECV IDENT	-			Ref	3 -	-	,		-		1	- p	x(s)	AVV	UH71-AA 60 x 15 mm, ribbon for label 60 x 15 mm, certification number : D1K1FV0A VPN: VPMK3F-10849-AE Cust. PN: 37100-K2Z -V011-M1, PWBA AVI, IC Maxim	60 x 15	-	CN00125058	Added Part Number due to dual source PWBA
46	×	Н	/PMK3F-18B968-BG3	LBL-RADO RECVIDENT				Ref	3 -							1 n	rr(s)	AVV	UH71-AA 60 x 15 mm, ribbon for label 60 x 15 mm , certification number : - VPN :	60 x 15		CN00125058	Added Part Number due to dual source PWBA
47	-	Н		BD ASY PRNT WIR (K2ZA)	CMMK3F14B115-AE00	37100-K2Z -V000-21	CIRCUIT	D	2 1								no(a)	Meiko	VPMK3F-10849-BE Cust. PN: 37100-K3A -V011-M1, PWBA AVI, IC Maxim  With ABS Indicator, FR4, Double side, PTH, PWBA MEIKO, TI IC, SW ver. 01.05.03	194x70x33		CN00128696	update SW from 01.05.02 to 01.05.03
47		Ш						buy	3 1	+	_				_	- Р	A.(S)		Without ABS Indicator, FR4, Double side, PTH, PWBA MEIKO, TI IC, SW ver.				1
48	X			BD ASY PRNT WIR (K3AA)	CMMK3F14B115-BE10	37100-K3A -V000-21	CIRCUIT	Buy	3 -	1	-	-	-		-	- p	x(s)	Meiko	01.05.03  With ABS Indicator, FR4, Double side, PTH, PWBA MEIKO, MAXIM IC. SW ver.	194x70x33	-	CN00128696	update SW from 01.05.02 to 01.05.03  Added New Part Number due to Dual Source PWBA
49	X	4	/PMK3F-14B115-CA	BD ASY PRNT WIR (K2ZA)	CMMK3F14B115-CA00	37100-K2Z -V000-21	CIRCUIT	Buy	3 -	-	1	-	-	-   -	-	- p	x(s)	Meiko	01.05.02	194x70x33	-	CN00125058	Maker
50	x	4	/PMK3F-14B115-DA	BD ASY PRNT WIR (K3AA)	CMMK3F14B115-DA10	37100-K3A -V000-21	CIRCUIT	Buy	3 -	-	-	1	-	-   -	-	- p	x(s)	Meiko	Without ABS Indicator, FR4, Double side, PTH, PWBA MEIKO, MAXIM IC. SW ver. 01.05.02	194x70x33	-	CN00125058	Added New Part Number due to Dual Source PWBA Maker
51	X		/PMK3F-14B115-AE	BD ASY PRNT WIR (K2ZA)	CMMK3F14B115-AE10	37100-K2Z -V000-21	CIRCUIT	Buy	3 -	-	-	-	1		-	- p	x(s)	AVI	With ABS Indicator, FR4, Double side, PTH, PWBA AVI, TI IC, SW ver. 01.05.03	194x70x33	-	CN00128696	update SW from 01.05.02 to 01.05.03
52	х		/PMK3F-14B115-BE	BD ASY PRNT WIR (K3AA)	CMMK3F14B115-BE00	37100-K3A -V000-21	CIRCUIT	Buy	3 -	-	-	-	-	1 -	-	- p	x(s)	AVI	Without ABS Indicator, FR4, Double side, PTH, PWBA AVI, TI IC, SW ver. 01.05.03	194x70x33	-	CN00128696	update SW from 01.05.02 to 01.05.03
53	x	( )	/PMK3F-14B115-CA	BD ASY PRNT WIR (K2ZA)	CMMK3F14B115-CA10	37100-K2Z -V000-21	CIRCUIT	Buy	3 -	-	-	-	-	-	1	- p	x(s)	AVI	With ABS Indicator, FR4, Double side, PTH, PWBA AVI, MAXIM IC. SW ver. 01.05.02	194x70x33	-	CN00125058	Added New Part Number due to Dual Source PWBA Maker
54	x	d 1	/PMK3F-14B115-DA	BD ASY PRNT WIR (K3AA)	CMMK3F14B115-DA00	37100-K3A -V000-21	CIRCUIT	Buy	3 -	-	-	-	-			1 p	x(s)	AVI	Without ABS Indicator, FR4, Double side, PTH, PWBA AVI, MAXIM IC. SW ver. 01.05.02	194x70x33	- 1	CN00125058	Added New Part Number due to Dual Source PWBA Maker
							L		I	1	<b>.</b>								l	L			1



Part Name

Customer

Revision Status

Model

## **Bill Of Material**

: Instrument Cluster

: HVN

: K2ZA/K3AA : MP Event Rev Plant Code : AVV (Meiko EMS)
Date : 29 April 2022

Revision No : 6

Ref. Docs. : (Draft) K2ZA\_Consolidated\_BOM\_PP3\_CN00128696\_2022xxxx.xlsx

Prepared by, Prepared by, Approved by,

Jemy Akvianto Bimo Prakoso M.S.Syahied Fauzy

Mechanical Engineer Electrical Engineer Dept. Head R&D

				Revision Status	THE EVENT NEV		Kei. L		ty		Qty	BOM_FF3_CN00128090_2022xxxx.xisx		Weethan	cai Engineer	Electrical Engineer Dept. Head No.0
Line	Le	vel	Part Number	BAAN Part Number	Description	Part	Level (	TI Regulator &:	Silver Immersion	(Maxim Regu	ulator & Silver	Unit Spec	Maker	MPN	CN#	Note
No.	0 1 2	2 4 1 5				type		FCB S K2ZA	iurface) K3AA	Immersion K2ZA	PCB Surface)					
1		X .	VPMK3F-14B115-AE	CMMK3F14B115-AE00	HONDA K2ZA ABS Variant	make	3	1	NOMM	RZZA	ROMM	pc With ABS, SW ver. 01.05.03, Meiko	Melko		CN00127828	Up suffix due to New Customer MP Drawing Released
2	+	х	VPMK3F-14B115-BE	CMMK3F14B115-BE10	HONDA K3AA NON ABS Variant	make	3		1			pc With No ABS , SW ver. 01.05.03, Meiko	Meiko		CN00127828	Up suffix due to New Customer MP Drawing Released
3			VPMK3F-14B115-CA	CMMK3F14B115-CA00	HONDA K2ZA ABS Variant	make	3			1		pc With ABS , SW ver. 01.05.02 , Meiko	Meiko			
4		х	VPMK3F-14B115-DA	CMMK3F14B115-DA10	HONDA K3AA NON ABS Variant	make	3				1	pc With No ABS , SW ver. 01.05.02, Meiko	Meiko			
5	44	х	VPMK3F-14A608-AC	CMMK3F14A608-AC00	PWB - Single (Daughter)		4	1	1	0	0	pc(s) PWB26004, FR-4, double side, PTH, 194x70mm. Silver Immersion	Kinyip	PWB26004		Add spec & Update maker
6		X	VPMK3F-14A608-BA	CMMK3F14A608-BA00	PWB - Single (Daughter)	buy	4	0	0	1	1	pc(s) PWB26598, FR-4, double side, PTH, 194x70mm. Silver Immersion	Kinyip	PWB26598		New Component for Maxim Regulator
7		x		•	K2ZA/K3AA ROM	ref ref	4			Ref Ref	Ref Ref	file K1FA_IC_01.05.02_SW file K1FA_IC_01.05.02_SW				
8		X	SWD10-26717-001	•	K2ZA/K3AA NVM	ref	4	Daf	Dof	кег	кет	file K1FA_IC_01.05.02_SW file K1FA_IC_01.05.03_SW				
10	++	×	SWD10-26717-002	•	KZZA/K3AA ROM	ref	4	Ref	Ref			file K1FA IC 01.05.03 SW				
11	++	x	AVI-0004789	CODIOTSHINET-2113	ROHS Conformal Coating Shinetsu KE-3423	buy	4	0.45	0.45	0.45	0.45	gram	ShinEtsu	KE-3423	CN00126033	Add conformal coating
12	+	х	P100009BFDZCAD	CEP100009BFD-ZCAD	RES-TF, OR,, 155. OC, 0603	buy	4	3	3	3	3	pc(s)	Kamaya	RMC1/16JPTP		
13		х	P100009BFEZAAC	CEP100009BFE-ZAAC	RES-TF,,,,,155.0C,0805	buy	4	3	3	3	3	pc(s)	Kamaya	RMC1/10JPTP		
14		х	P100009BFFZAAE	CEP100009BFF-ZAAE	RES-TF,,,,,155.0C,1206	buy	4	8	8	8	8	pc(s)	Kamaya	RMC1/8JPTP		
15		х	P110015BFEMAAC	CEP110015BFE-MAAC	RES-TF,10R,5%,125.0mW,200.0,155.0C,0805	buy	4	0	1	0	1	pc(s)	Kamaya	RMC1/10-100JTP		
16		х	P110023BFENAAC	CEP110023BFE-NAAC	RES-TF,100R,1%,125.0mW,100.0,155.0C,0805	buy	4	0	1	0	1	pc(s)	Kamaya	RMC1/10K1000FTP		
17	44	х	P110035BFDMCAD	CEP110035BFD-MCAD	RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	buy	4	4	7	4	7	pc(s)	Kamaya	RMC1/16-102JTP		
18	++-	х	P110035BFJMAAE	CEP110035BFJ-MAAE	RES-TF,1k,5%,250.0mW,200.0,155.0C,1206	buy	4	8	8	8	8	pc(s)	Kamaya	RMC1/8-102JTP		
19	++	x	P110035BFNMDAB	CEP110035BFN-MDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRAY	buy	4	9	9	9	9	pc(s)	Walsin Kamaya	WA04X102JTLJ RMC1/16-103JTP		
20	++-	X	P110045BFDMCAD	CEP110045BFD-MCAD	RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	buy	4	3	4	3	3	pc(s)	,			
22	++	X	P110047BFETAAC	CEP110047BFE-TAAC	RES-TF,10k,0.5%,125.0mW,50.0,125.0C,0805	buy	4	0	1	0	1	pc(s)	Kamaya Kamaya	RGC1/10C1002DTP RMC1/16K1003FTP		
23	+	×	P110053BFDNCAD P112035BFJMAAE	CEP110053BFD-NCAD CEP112035BFJ-MAAE	RES-TF,100,0000k,1,0000%,100,000mW,100ppm/C,155,000C,0603	buy	4	6	4	6	4	pc(s)	Kamaya	RMC1/8-122JTP		
24	+		P112035BFJMAAE P114033BFDNCAD	CEP112035BFJ-MAAE CEP114033BFD-NCAD	RES-TF,1.2k,5%,250.0mW,200.0,155.0C,1206 RES-TF,1.4k,1%,100.0mW,100.0,155.0C,0603	buy	4	0	1	0	1	pc(s)	Kamaya	RMC1/16K1401FTP		1
25	+	х	P114033BFDNCAD P115013BFFNAAE	CEP115013BFF-NAAE	RES-TF,1:4K,1%,100.0mW,100.0,155.0C,0603 RES-TF,15R,1%,250.0mW,100.0,155.0C,1206	buy	4	0	1	0	1	pc(s)	Kamaya	RMC1/8K15R0FTP		
26	$^{\dagger\dagger}$	х	P115033BFJNAAE	CEP115033BFJ-NAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206		4	20	20	20	20	pc(s)	Kamaya	RMC1/8K1501FTP		1
27	ШT	х	P115035BFDMCAD	CEP115035BFD-MCAD	RES-TF,1.5k,5%,100.0mW,200.0,155.0C,0603	buy	4	0	1	0	1	pc(s)	Kamaya	RMC1/16-152JTP		
28		х	P116035BFFMAAE	CEP116035BFF-MAAE	RES-TF,1.6k,5%,250.0mW,200.0,155.0C,1206	buy	4	2	2	2	2	pc(s)	Kamaya	RMC1/8-162JTP		
29	ш	x	P118035BFJMAAE	CEP118035BFJ-MAAE	RES-TF,1.8k,5%,250.0mW,200.0,155.0C,1206	buy	4	6	6	6	6	pc(s)	Kamaya	RMC1/8-182JTP		
30	4	х		CEP120033BFD-NCAD	RES-TF,2k,1%,100.0mW,100.0,155.0C,0603	buy	4	0	1	0	1	pc(s)	Kamaya	RMC1/16K2001FTP		1
31	4	х	P120035BFDMCAD	CEP120035BFD-MCAD	RES-TF,2k,5%,100.0mW,200.0,155.0C,0603	buy	4	0	1	0	1	pc(s)	Kamaya	RMC1/16-202JTP		1
32	-	X	P120047BFFNAAC	CEP120047BFF-NAAC	RES-TF,20k,0.5%,125.0mW,100.0,125.0C,0805	buy	4	2	4	2	4	pc(s)	Kamaya	RGC1/10C2002DTP	ļ	+
33	+	×	P121033BFFNAAE	CEP121033BFF-NAAE	RES-TF,2.1k,1%,250.0mW,100ppm/C,,1206	buy buy	4	4	1	4	1	pc(s)	Kamaya Kamaya	RMC1/8K2101FTP RMC1/10-222JTP		
35	+	×	P122035BFEMAAC P124025BFDMCAD	CEP122035BFE-MAAC CEP124025BFD-MCAD	RES-TF,2.2k,5%,125.0mW,200ppm/C,155.0C,0805 RES-TF,240R,5%,100.0mW,200.0,155.0C,0603	buy	4	0	1	0	1	pc(s)	Kamaya	RMC1/10-22231P RMC1/16-2413TP		1
36		x		CEP124025BFD-MCAD CEP124033BFD-NCAD	RES-TF,240R,5%,100.0mW,200.0,155.0C,0603 RES-TF,2.4k,1%,100.0mW,100ppm/C,155.0C,0603	buy	4	0	1	0	1	pc(s)	Kamaya	RMC1/16/2411FP RMC1/16K2401FTP		1
37	++	x	P127035BFDMCAD	CEP127035BFD-MCAD	RES-TF,2.7k,5%,100.0mW,200.0,155.0C,0603	buy	4	1	1	1	1	pc(s)	Kamaya	RMC1/16-272JTP		
38		х	P130033BFDNCAD	CEP130033BFD-NCAD	RES-TF,3,0000k,1,0000%,100,000mW,100ppm/C,155,000C,0603	buy	4	0	1	0	1	pc(s)	Kamaya	RMC1/16K3001FTP		
39		х	P130045BFEMAAC	CEP130045BFE-MAAC	RES-TF,30k,5%,125.0mW,200ppm/C,155.0C,0805	buy	4	1	1	1	1	pc(s)	Kamaya	RMC1/10-303JTP		
40		х	P130147BFETAAC	CEP130147BFE-TAAC	RES-TF,30.1k,0.5%,125.0mW,50.0,125.0C,0805	buy	4	3	3	3	3	pc(s)	Kamaya	RGC1/10C3012DTP		
41		х	P139043BFDNCAD	CEP139043BFD-NCAD	RES-TF,39k,1%,100.0mW,100ppm/C,155.0C,0603	buy	4	0	1	0	1	pc(s)	Kamaya	RMC1/16K3902FTP		
42			P147035BFDMCAD	CEP147035BFD-MCAD	RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	buy	4	9	7	9	7	pc(s)	Kamaya	RMC1/16-472JTP		
43	44	х	P151035BFEMAAC	CEP151035BFE-MAAC	RES-TF,5.1k,5%,125.0mW,200ppm/C,155.0C,0805	buy	4	3	3	3	3	pc(s)	Kamaya	RMC1/10-512JTP		
44		x	P151043CFDNCAD	CEP151043CFD-NCAD	RES-TF,51k,1%,100.0mW,100.0,155.0C,0603	buy	4	1	1	0	1	pc(s)	Kamaya	RMC1/16K5102FTP10 RMC1/16K6801FTP		
45	++	×		CEP168033BFD-NCAD	RES-TF,6.8k,1%,100.0mW,100.0,155.0C,0603	buy	4	0	1	1	1	pc(s)	Kamaya	RMC1/1646801FIP RMC1/16-682JTP		
40	++	x	P168035BFDMCAD	CEP168035BFD-MCAD	RES-TF, 6.8k, 5%, 100.0mW, 200.0, 155.0C, 0603 RES-TF, 6.8k, 5%, 125.0mW, 200ppm/C, 155.0C, 0805	buy	4	2	1	2	1	pc(s)	Kamaya	RMC1/10-682JTP		
48	++	x	P168035BFEMAAC P168045BFEMAAC	CEP168035BFE-MAAC CEP168045BFE-MAAC	RES-TF,6.8K,5%,125.0mW,200ppm/C,155.0C,0805	buy	4	3	3	3	3	pc(s)	Kamaya	RMC1/10-683JTP		
49	++	x	P175025BFDMCAD	CEP175025BFD-MCAD	RES-TF,750R,5%,123.0mW,200.0,155.0C,0603	buy	4	9	9	9	9	pc(s)	Kamaya	RMC1/16-751JTP		
50		х	P210040BFJAAAD	CEP210040BFI-AAAD	CAP-CERM,10PF,5%,50V,C0G,,0402	buy	4	0	1	0	1	pc(s)	Taiyo Yuden	UMK105CG100JVHF		
51		х	P210247BFKAAAD	CEP210247BFK-AAAD	CAP-CERM,1,000NF,10,0000%,50,000V,X7R,,0402	buy	4	3	3	4	4	pc(s)	Taiyo Yuden	UMK105 B7102KVHM		
52		х	P210268BFJA003	CEP2102688FJ-A003	CAP-CERM,1NF,20%,100V,C0G,Spk Dis,0805	buy	4	3	5	3	5	pc(s)	Kernet	C0805C102M1GAC 3099		
53		х	P210347BFKAAAD	CEP210347BFK-AAAD	CAP-CERM,10NF,10%,50V,X7R,,0402		4	22	21	21	20	pc(s)	Taiyo Yuden	UMK105 B7103KVHF		
54		х	P210367BFKAFAB	CEP210367BFK-AFAB	CAP-CERM,10NF,10%,100V,X7R,Poly Term,0805	buy	4	9	9	9	9	pc(s)	AVX	08051C103K4Z2A		
55 56	++-	x	P210446BFKAABA	CEP210446BFK-AABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	buy	4	5 6	7	5	7	pc(s) pc(s)	Walsin Yaira Vindan	MT18B104J500CT HMJ212BB7104KGHT		
55	+		P210467BFKAFAB P210537BFKAAAA	CEP2104678FK-AFAB	CAP-CERM,100,000NF,10,0000%,100,000V,X7R-FLEX,PolyTerm,0805	buy	4	1	1	1	1	pc(s)	Taiyo Yuden Taiyo Yuden	TMK107AB7105KAHT		
58	+	x		CEP210537BFK-AAAA CEP210627BFK-FABB	CAP-CERM,1,000uF,10,0000%,25,000V,X7R,,0603 CAP-CERM,10uF,10%,16V,X7S,,0805	buy	4	2	2	0	0	pc(s)	Murata	GCM21BC71C106KE36L		
59	++	X	P222146BFJAAAD	CEP222146BFJ-AAAD	CAP-CERM,100F,10%,10V,A75,0805 CAP-CERM,220PF,5%,50V,CDG,,0402	buy	4	2	2	2	2	pc(s)	Kamaya	MT15N221J500CT		
60	+	х	P222166BFJAFAB	CEP2221668FJ-AFAB	CAP-CERM.220PF.5%.100V.COG.Poly Term.0805	buy	4	2	2	2	2	pc(s)	Kernet	C0805X221J1GAC 3123		
61		х	P222367BFKAAAA	CEP222367BFK-AAAA	CAP-CERM,22NF,10%,100V,X7R,,0603	buy	4	0	1	0	1	pc(s)	Murata	GCM188R72A223KA37D		
62	ш	х	P247247BFKAAAD	CEP247247BFK-AAAD	CAP-CERM,4.7nF,10%,50V,X7R,,0402	buy	4	1	1	1	1	pc(s)	Taiyo Yuden	UMK105 B7472KVHF		
63	11	х	P247347BFKAAAD	CEP247347BFK-AAAD	CAP-CERM,47NF,10%,50V,X7R,,0402	buy	4	1	1	1	1	pc(s)	Taiyo Yuden	UMK105 B7473KVHF		
64	4	х	P28094ABFJAAAD	CEP28094ABFJ-AAAD	CAP-CERM,8PF,1.25%,50V,COG,,0402	buy	4	1	1	1	1	pc(s)	Murata	GCM1555C1H8R0BA16D		1
65	+	X	P29094BBFJAAAD	CEP29094BBFJ-AAAD	CAP-CERM,9PF,0.56%,50V,COG,,0402	buy	4	1	1	1	1	pc(s)	Murata Nichicon	GCM1555C1H9R0WA16D UWT1V101MCL1GS	ļ	1
65	+	×	P410162CFCC004	CEP410162CFC-C004	CAP-ALUM,100uF,20%,35V,,105.0C,SMD	buy	4	1	1	1	1	pc(s)	Nichicon Nichicon	UWT1V101MCL1GS UUD1H221MNL1GS		
68	+	X X	P422172CFDEX00 P521002BFALX00	CEP422172CFD-EX00	CAP-ALUM,220uF,20%,50V,,10S.0C,SMD	buy	4	0	1	0	1	pc(s)	Nichicon Nexperia	PESD24VS2UAT/SOT23/REELLP		1
	+	HÎ		CEP521002BFA-LX00	DIOD-TVS,27V,SOT-23	1 1	$\pm$						VISHAY	\$1G-014HE3_A/H		İ
69		×	P542004DFAAX00	CEP542004DFA-AX00	DIOD-RECT,400,000V,1,000A,1,800us,SMA	buy	4	10	9	10	9	pc(s)	SURGE	AGS1G-13	l	Add new MPN as alternate due to internal 4M
70	ш	х	P611002BFBBX00	CEP611002BFB-BX00	XSTR-BP,P,80,000V,500,000mA,SOT-23	buy	4	3	3	3	3	pc(s)	Nexperia	PMBTA56,215		
71	П	х	P611002BFCBAHA	CEP611002BFC-BAHA	XSTR-BP,PNP,-80,000V,-1,000A,SOT-89	buy	4	0	1	0	1	pc(s)	Nexperia	BCX53-10TX		
72	ШΞ	х	P611006BFBAX00	CEP611006BFB-AX00	XSTR-BP,N-Channel,80V,500mA,S0T-23	buy	4	3	2	3	2	pc(s)	Nexperia	PMBTA06,215		
73	ш	x	P660303BFAAX00	CEP660303BFA-AX00	XSTR-BRES,NPN,50V,100mA,SOT-23	buy	4	4	4	4	4	pc(s)	Nexperia	PDTC143ZT,235		
74	+	X	P670009BFAAX00	CEP670009BFA-AX00	XSTR-BP,N-Channel,45V,100mA,S0T363	buy	4	0	1	0	1	pc(s)	Nexperia	BC847BS,115	ļ	1
75	++	X	P671007BFBLX00	CEP671007BFB-LX00	XSTR-BP,comple,65V,100mA,SOT363	buy	4	0	1	0	1 1	pc(s)	Onsemi Texas Instrument	SSVBC846BPDW1T1G LM2903QDRQ1		
76	+	×	P700034CFGBX00	CEP700034CFG-BX00 CEP701156CFF-C000	IC-COMP,COMP,SOIC	buy	4	0	1	0	0	pc(s) pc(s)	Texas Instrument Texas Instrument	LM2903QDRQ1 TPS7A6650QDGNRQ1		1
78	+	x	P701156CFFC000		IC-REG, VR_LIN, MSOP	buy	4	1	1	1	1	pc(s)	Renesas	R5F10CMECLFB#12G		Correction MPN
79	+	x	P7605910FL0001 P7605910FL0000	CEP760S910FL-0001 CEP760S910FL-0000	IC-PROC,16BIT-MCU,LQFP IC-PROC,16BIT-MCU,LQFP	buy	4	ALT	ALT	ALT	ALT	pc(s)	Renesas	RSF10CMELFB#H2G		Change as alternate
80	+	x	P770056CFNC000	CEP7005910F-0000 CEP770056CFN-C000	IC-PROC, ISBIT-MCO, EQPP IC-MEM, EEPROM, TSOP		4	1	1	1	1	pc(s)	STMicro	M24C04-DRDW3TP/K		
81	11	х	PCA00389-AB	CE00PCA00389-AB00	CONN-,I/O - Thru Hole Headers,16,Vertical,Thru hole	buy	4	1	1	1	1	pc(s)	Iriso	IMSA-9937B-16A-TM2		
82		×	PCF00099-CA	CE00PCF00099-CA00	CONN-,C/M - Device Sockets,18, Vertical , Surface Mount	buy	4	2	2	2	2	pc(s)	Iriso	IMSA-9257S-18Y916		1
83		x	PE12037BFA31AA	CEPE12037BFA-31AA	DIOD-LED,RED,P-LCC-2		4	2	2	2	2	pc(s)	Osram	LST676-R1S1-1-Z (Q65110A2152)		
		x	PE13002BFA3200	CEPE13002BFA-3200	DIOD-LED,GREEN,SMD	buy		3	3	3	3	pc(s)	Nichia	NESG146AT-G-Cd1000,Cd1200,Cd1440		
84	1 1	х	PE18001CFA3100	CEPE18001CFA-3100	DIOD-LED,AMBER,P-LCC-2	buy		3	2	3	2	pc(s)	Osram	LYT676-S1T1-35 (Q65110A3818)		
85		х	PE23001BFA34AA PE71017BFA3200	CEPE23001BFA-34AA	DIOD-LED,WHITE,(W2, X1, X2),(A0),P-LCC-2		4	4	4	4	4	pc(s)	Nichia	NSSW064AT		1
85	ш		PE71017BFA3200	CEPE710178FA-3200	DIOD-LED,BLUE,(],(],SMD		4	1	1	1	1	pc(s)	Nichia	NHSB146AT-W-Cd75,Cd90,Cd105		1
85 86 87		Х		CEPR35023BFG-1000	RESON-XTAL, 32.768kHz, 10 ppm, FU - Fundamental Mode, SMD RESON-CERM. 8MHz. 0.5%. FU - Fundamental Mode, CSTNE	buy		1	1	1	1	pc(s)	NDK	EXS00A-MU00929	ļ	l
85 86 87 88		×	PR35023BFG1000				4	1	1	1	1	pc(s) pc(s)	Murata	CSTNE8M00G55A000R0 B72214S1140K561		
85 86 87 88 89		x	PR80047BFH1AEJ	CEPR800478FH-1AEJ		hi										
85 86 87 88 89		x	PR80047BFH1AEJ PV000020FDK000	CEPV000020FD-K000	RES-VAR,50,0J,16,000V,43,0V,125,000C,14MM DISK		4		,				PANASONIC			
85 86 87 88 89 90		x x x	PR80047BFH1AEJ PV000020FDK000 VPEBQF-0857-BA	CEPV000020FD-K000 CMEBQF000857-BAD0	RES-VAR,50,0J,16,000V,43,0V,125,000C,14MM DISK SWITCH TACT	buy	4	2	2	2	2	pc(s)	PANASONIC Nitto	EVQPLH915		
85 86 87 88 89		x x x	PR80047BFH1AEJ PV000020FDK000 VPEBQF-0857-BA VPBZRF-13N203-AA	CEPV000020FD-K000 CMEBQF000857-BA00 CMB2RF13N203-AA00	RES-VAR, SO, 01, 16, 000 V, 43, 0V, 125, 000 C, 14 MM DISK SWITCH TACT SCREW BTP 3X6 3U (NITTO SEIKO)	buy		2	2	2	2	pc(s) pc(s)	Nitto	EVQPLH915 3X6 3U		Correction EBOM
85 86 87 88 89 90		x x x x	PR80047BFH1AEJ PV000020FDK000 VPEBQF-0857-BA	CEPV000020FD-K000 CMEBQF000857-BAD0	RES-VAR,50,0J,16,000V,43,0V,125,000C,14MM DISK SWITCH TACT	buy buy buy	4	2	2	2	2	pc(s)		EVQPLH915		Correction EBOM Correction EBOM

Line No.	0 1 2 3		Part Number	BAAN Part Number	Description	Part type	Level		Qty Silver Immersion Surface) K3AA	(Maxim Regi	ty lator & Silver PCB Surface) K3AA	Unit	Spec	Maker	MPN	CN#	Note
96		X	P700115CFFE000	CEP700115CFF-E000	IC-REG,VR ADJ,TDFN,8	buy	4	0	0	1	1	pc(s)		Maxim	MAX16910CATA8/V+		New Component for Maxim Regulator
97		v	P100009BFDZCAC	CEP100009BFD-ZCAC	RES-TF,0,0000R,,,155ppm/C,155,000C,0402	buy	4	0	0	2	2	pc(s)		Kamaya	RMC1/16SJPTH		New Component for Maxim Regulator
98		X	K222608BFKEABB	CEK222608BFK-EABB	CAP-CERM,22,000uF,20,0000%,6,300V,X5R,,0805	buy	4	0	0	2	2	pc(s)		Taiyo Yuden	JMK212BBJ226MGHT		New Component for Maxim Regulator
99		×	P210347BFKAAAA	CEP210347BFK-AAAA	CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0603	buy	4	0	0	1	1	pc(s)		Kamaya	MT18B103K500CT		New Component for Maxim Regulator
				-	Solder Paste	buy	4	Ref	Ref	Ref	Ref	gram	Lead Free, SAC 305	Indium 89 HFA			
101		×	Indirect Material	-	Glue	buy	4	Ref	Ref	Ref	Ref	ml		Cemedine SuperX8008			
102		×	Indirect Material	-	Flux	buy	4	Ref	Ref	Ref	Ref	ml		Tamura	EC-19S-10		
103		×	Indirect Material	-	Solder Bar	buy	4	Ref	Ref	Ref	Ref	gram	Lead Free, SnAgCu	Alpha Metal	Lead Free Bar 96.5 Sn/3 Ag/0.5 Cu		
104		x	Indirect Material	-	Label	buy	4	Ref	Ref	Ref	Ref	pc(s)	8 x 8 mm / laser print				Add spec for alternate

## Astra Visteon

## **Bill Of Material**

: Instrument Cluster

: HVN

: K2ZA/K3AA : MP Event Rev Revision Status

Part Name

Customer

Model

Plant Code : AVI

Date : 29 April 2022 Revision No : 6

Ref. Docs. : (Draft) K2ZA\_Consolidated\_BOM\_PP3\_CN00128696\_2022xxxx.xlsx

Prepared by, Prepared by, Approved by, The Bimo Prakoso M.S.Syahied Fauzy Jemy Akvianto Mechanical Engineer | Electrical Engineer Dept. Head R&D

Part	MPN  PW026004  PW026598  KE-3423  MMC1/36/PTP  MMC1/36/PTP  MMC1/30/PTP  MMC1/30/S0/PTP	CN00127828	Note  Op sulfix due to New Customer MP Drawing Released  Up sulfix due to New Customer MP Drawing Released  Up sulfix due to New Customer MP Drawing Released  Add spoc & Update maker  New Component for Maxim Regulator  Add conformal casting
The content of the	PW02/6/004  PW02/6/004  WC2-1/6/97P  MMC1/1/6/97P  MMC1/1/6/97P  MMC1/1/6-100/17P	CN00127828 CN00127828	In suffix due to New Customer MP Drawing Released Up suffix due to New Customer MP Drawing Released Up suffix due to New Customer MP Drawing Released Add spec & Light Republic Republic Released Add spec & Light Republic
1   1   1   1   1   2   1   2   2   3   3   3   3   3   3   3   3	PW026598  RE-3423  MMC1/L6PTP  MMC1/10PTP  MMC1/10PTP  MMC1/10-100TP	CN00127828	Up suffix due to New Customer MP Drawing Released  Add spec. & Update maker New Component for Maxim Regulator
2   1   1   1   2   1   2   3   3   3   4   4   5   5   5   5   5   5   5   5	PW026598  RE-3423  MMC1/L6PTP  MMC1/10PTP  MMC1/10PTP  MMC1/10-100TP	CN00127828	Up suffix due to New Customer MP Drawing Released  Add spec. & Update maker New Component for Maxim Regulator
1   1   1   1   1   1   1   1   1   1	PW026598  RE-3423  MMC1/L6PTP  MMC1/10PTP  MMC1/10PTP  MMC1/10-100TP		Add spec & Update maker New Component for Maxim Regulator
A	PW026598  RE-3423  MMC1/L6PTP  MMC1/10PTP  MMC1/10PTP  MMC1/10-100TP	CN00126033	New Component for Maxim Regulator
1   1   1   1   1   1   1   1   2   1   2   1   2   2	PW026598  RE-3423  MMC1/L6PTP  MMC1/10PTP  MMC1/10PTP  MMC1/10-100TP	CN00126033	New Component for Maxim Regulator
State	PW026598  RE-3423  MMC1/L6PTP  MMC1/10PTP  MMC1/10PTP  MMC1/10-100TP	CN00126033	New Component for Maxim Regulator
7   1   1   1   1   1   1   1   1   2   1   2   1   2   2	PW026598  RE-3423  MMC1/L6PTP  MMC1/10PTP  MMC1/10PTP  MMC1/10-100TP	CN00126033	New Component for Maxim Regulator
B   V   VALUE   VALU	PW026598  RE-3423  MMC1/L6PTP  MMC1/10PTP  MMC1/10PTP  MMC1/10-100TP	CN00126033	New Component for Maxim Regulator
9   1   1   1   1   1   1   1   1   1	PW026598  RE-3423  MMC1/L6PTP  MMC1/10PTP  MMC1/10PTP  MMC1/10-100TP	CN00126033	New Component for Maxim Regulator
10   1   1   1   1   1   1   1   1   1	PW026598  RE-3423  MMC1/L6PTP  MMC1/10PTP  MMC1/10PTP  MMC1/10-100TP	CN00126033	New Component for Maxim Regulator
12   1   1   1   1   1   1   1   1   1	KE-3429 MMC.1/GIPTP MMC.1/GIPTP MMC.1/GIPTP MMC.1/GIPTP MMC.1/GI-0000PP	CN00126033	
12	MMCL/GEPTP  MMCL/GEPTP  MMCL/GEPTP  MMCL/GECOMOTP	CN00126033	Add conformal coating
12   1   1   1   1   1   1   1   1   1	MMCL/GEPTP  MMCL/GEPTP  MMCL/GEPTP  MMCL/GECOMOTP	CN00126033	Add conformal coating
15	MMCL/GEPTP  MMCL/GEPTP  MMCL/GEPTP  MMCL/GEPTP  MMCL/GENOUTP	CN00126033	Add conformal coating
18	MMCL/GEPTP  MMCL/GEPTP  MMCL/GEPTP  MMCL/GEPTP  MMCL/GENOUTP	CN00126033	Add conformal coating
16	MMCL/GEPTP  MMCL/GEPTP  MMCL/GEPTP  MMCL/GEPTP  MMCL/GENOUTP	CN00126033	Add conformal coating
12   1   1   1   1   1   1   1   1   1	MMCLT/04PTP MMCLT/10+T00PTP MMCLT/10+1000TP MMCLT/10+1000TP MMCLT/10+1000TP MMCLT/10+1000TP MMCLT/10+1001TP		
18	MACL/JAPTP  MACL/JO DOUTP		
1	MMC1/0-000TP MMC1/16-1000TP MMC1/16-1000TP MMC1/16-1001TP		
	MMCL/JOSL000FP MMCLIF - DOZIPP MMCLIF - DOZIPP MMCLIF - DOZIPP MMCARCOZITE MMC		
22   X	MMC1/16-10217P MMC1/16-10217P MMC1/16-10217P MMC1/16-10217P MMC1/16-10217P MMC1/16-10217P MMC1/16-12217P MMC1/16-12217P MMC1/16-12017P MMC1/16-10217P MMC1/16-10217P MMC1/16-10217P MMC1/16-10217P MMC1/16-10217P		
22	MACL_9.10217P MACH_00217L MACL_F16-10317P		
24   2   2   2   2   2   2   2   2   2	WAG4X1021TU RMC176-1031TP RGC170-10020TP RMC176-1003TP RMC176-1203TP RMC176-1221TP RMC176-1221TP RMC176-1221TP RMC176-1205TP RMC178-15-105TPP RMC178-15-105TPP		
24   X	RMC1/16-103/TP  86C1/10C10020TP  8MC1/15K1003FFP  8MC1/5K14001FFP  8MC1/8K1501FFP  8MC1/8K1501FFP		
25   1   2   1   2   1   2   1   2   2   2	RGC1/10C1002DTP RMC1/15K1003FTP RMC1/8-122ITP RMC1/15K1401FTP RMC1/8K15R0FTP RMC1/8K1503FTP		
27	RMC1/16K1003FTP RMC1/8-122JTP RMC1/16K1401FTP RMC1/16K1401FTP RMC1/8K150FTP RMC1/8K1501FTP		t
27   1   1   1   1   1   1   1   1   1	RMC1/8-1221TP RMC1/16K1401FTP RMC1/8K15R0FTP RMC1/8K1501FTP	1	1
22	RMC1/16K1401FTP RMC1/8K15R0FTP RMC1/8K1501FTP	1	<b> </b>
2	RMC1/8K1SR0FTP RMC1/8K1S01FTP	1	<b> </b>
1	RMC1/8K1501FTP	1	1
1			1
22   X	RMC1/16-152JTP	ļ	<b> </b>
33   X   1		ļ	<b> </b>
34	RMC1/8-162JTP		1
S	RMC1/8-182JTP	ļ	ļ
1	RMC1/16K2001FTP	ļ	<b> </b>
37	RMC1/16-202JTP		1
	RGC1/10C2002DTP		1
39   X   P124035FBMCAD	RMC1/8K2101FTP		
40 X 9230331F0MCAD 09324331F0MCAD 09324331F0MCAD 09324331F0MCAD 85572,24153,100 mmW3,100 mmW3	RMC1/10-222JTP		
41   X   P1270358FDMCAD	RMC1/16-241JTP		
	RMC1/16K2401FTP		
42   X     B120022BENNAN	RMC1/16-272JTP		
	RMC1/16K3001FTP		
43 X P1300458F6MAC CEP1300458F6-MAC RESTR,30k,5%,125,0mW,200ppm/C,155,0C,0805 buy 2 1 1 1 1 pc(s) Kamaya	RMC1/10-303JTP		
44 X P1301478FETAAC CEP1301478FETAAC CEP1301478FETAAC RESTT,3.0.1k,0.5%,125,0mW,50.0,125,0C,0805 buy 2 3 3 3 pc(s) Kamaya	RGC1/10C3012DTP		
45 X P1390438FDNCAD CEP1390438FDNCAD (EP1390438FDNCAD RESTF,394,1K,100.0mW,100ppm/C,15S.OC,0603 buy 2 0 1 0 1 pc(s) Kamaya	RMC1/16K3902FTP		
46 X P1470358FDMCAD CEP1470358FDMCAD (EP1470358FDMCAD RESTF,4700045,0000W,100,000mW,200ppm/C,155,000C,0603 buy 2 9 7 9 7 pc(s) Kamaya	RMC1/16-472JTP		
47 X P15/0358FEMAAC CEP15/0358FE-MAAC CEP15/0358FE-MAAC RESTT,5.1k,5%,125.0mW,200ppm/C,155.0C,0805 buy 2 3 3 3 pcfs) Kamaya	RMC1/10-512JTP		
48 X P31043CFDNCAD CEP151043CFDNCAD RESTF,51k,1%,100.0mW,100.0,155.0C,0603 buy 2 1 1 1 pc(s) Kamaya	RMC1/16K5102FTP10		
49 X P1680338FDNCAD CEP1680338FDNCAD CEP1680338FDNCAD RESTF,6.8k_11k_100.0mW,100.0,155.0C,0603 buy 2 0 1 0 1 pc(t) Kamaya	RMC1/16K6801FTP		
50 X P1680358FDMCAD CEP1680358FDMCAD CEP1680358FDMCAD RESTF,6.8LSN,100.0mW,200.0,155.0C,0693 buy 2 1 1 1 pc(t) Kamaya	RMC1/16-682JTP		
51   X   P1680358FEMANC CEP1680358FEMANC CEP1680358FEMANC RESTF.6.8k,5%,125.0mW,200ppm/C,155.0C,0805 buy 2 2 1 2 1 pc(s) Kamaya	RMC1/10-682JTP		
52 X P1680458FEMAAC CEP1680458FEMAAC RESTF,68k,5%,125.0mW,200ppm/C,155.0C,0805 buy 2 3 3 3 pc(s) Kamaya	RMC1/10-683JTP		
53   X   P1750258FDMCAD CEP1750258FDMCAD RES-TF,750R,5K,100.0mW,200.0,155.0C,0603 buy 2 9 9 9 pc(s) Kamaya	RMC1/16-751JTP		
54 X P2100408FiAAAD CEP2100408FiAAAD CEP2100408FiAAAD CAP-CERM_10PF,5%,50V,COG_0402 buy 2 0 1 0 1 pc(s) Taiyo Yuden	UMK105CG100JVHF		
55 X P210247BFKAAAD CEP210247BFKAAAD CEP210247BFKAAAD CAP-CERM_1,000NF,10,0000K,78,0402 buy 2 3 3 4 4 pc(s) Taiyo Yuden	UMK105 B7102KVHM		
56 X P2102688FJA003 CEP2102688FJA003 CEP2102688FJA003 CAP-CERM_INF_20K_100V_COG_Spk Dis_0805 buy 2 3 5 3 5 pc(s) Kemet	C0805C102M1GAC 3099		
57 X X P2103478FKAAAD C8P2103478FKAAAD C8P2103478FKAAAD C8P2103478FKAAAD CAP-CERM.10NF,10N,50V,X7R,0402 buy 2 22 21 21 20 pt(s) Taylo Yuden	UMK105 B7103KVHF		
58 X P2103678FKAFAB CEP2103678FKAFAB CEP2103678FKAFAB CAP-CERM_10NF_10N_10N_CXPR_PolyTerm_08005 buy 2 9 9 9 pcfs AVX	08051C103K4Z2A		
59 X P210446BFKABBA CEP210446BFKABBA CEP210446BFKABBA CAP-CERM_100,000NF,5,0000K;XPR_0603 buy 2 5 8 5 8 pc[s] Walsin	MT18B104J500CT		
60 X 92104678FKAFAB CI92104678FKAFAB CI92104678FKAFAB CIP2104678FKAFAB CIP	HMJ212BB7104KGHT	1	
61 X P210537BFKABAA CEP210537BFKABAA CEP210537BFKABAA CP-CEBAL1,0006;10,00000(X7R,0603 buy 2 1 1 1 pc(0) Taiyo Yuden	TMK107AB7105KAHT	1	1
62 X P2106278FKFA88 CF92106278FKFA88 CP92106278FKFA88 CPP2106278FKFA88 CPP2106278FKA88 CPP2106278F	GCM21BC71C106KE36L	1	1
63 X P2221468FJAAAD CEP2221468FJAAAD CEP222146AD CEP222146AD CEP222146AD CEP22214AD CEP2221	MT15N221J500CT		1
64 X P22216681-648 CIP2216681-648 CAP-CEM-220PF.SK.100V.COG.Poly Term,0805 buy 2 2 2 2 pc(s) Kemet	C0805X221J1GAC 3123	1	1
65 X 1 9222578FEAAAA (2P222578FEAAAA (2P2257878FEAAAA (2P222578FEAAAA (2P2257878FEAAAA (2P2257878FEAAAA (2P225787878A (2P2257878FEAAAA (2P225787878A (2P2257878A (2P22578A (2P2257878A (2P2257878A (2P22578A (2P2257	GCM188R72A223KA37D	1	<b> </b>
66 X 9237278FRAAD CP247278FRAAD CP247278FRAAD CP247278FRAAD CP24FRAAD CP24FR	UMK105 B7472KVHF UMK105 B7473KVHF	1	1
	UMK105 B7473KVHF GCM1555C1H8R0BA16D	1	1
	GCM1555C1H8R0BA16D GCM1555C1H9R0WA16D	1	1
	UWT1V101MCL1GS	1	1
	UUD1H221MNL1GS	1	1
	PESD24VS2UAT/SOT23/REELLP	1	1
	S1G-014HE3 A/H	<del>                                     </del>	1
73 X Y 95420040FAAX00 CEP5420040FAAX00 DIOD-RECT,400,000V_1,000A_1,800u_SMA buy 2 10 9 10 9 pc(s) SWREE	S1G-014HE3_A/H AGS1G-13	1	Add new MPN as alternate due to internal 4M
	PMBTA56,215	t	1
	BCX53-10TX	t	1
	PMBTA06,215	<del>                                     </del>	1
	PDTC143ZT.235	1	1
1   FOODSUSERANDO   CEPOOSSUSERANDO   ASTRONOSTA   STATE   STA	BC8478S,115	1	1
	SSVBC846BPDW1T1G	1	1
79   X	SSVBC846BPDW111G LM2903QDRQ1	1	1
	TPS7A6650QDGNRQ1	1	1
	TPS7A6650QDGNRQ1 R5F10CMECLFB#12G	1	Correction MPN
22 X P269590E0000 CP7695910E0000 CP7695910E0000 CP7605910E0000 CP7605910E0000 CP7605910E0000 CP7605910E0000 CP7605910E0000 CP7605910E0000 CP7605910E0000 CP7605910E0000 CP7605910E00000 CP7605910E00000 CP7605910E00000 CP7605910E00000 CP7605910E000000 CP7605910E00000 CP7605910E000000 CP7605910E00000 CP7605910E000000 CP7605910E00000 CP7605910E000000 CP7605910E000000 CP7605910E000000 CP7605910E00000  CP7605910E00000 CP7605910E00000 CP7605910E000000 CP7605910E0000000 CP7605910E000000 CP7605910E000000 CP7605910E0000000 CP7605910E0000000 CP7605910E0000000 CP7605910E0000000000000 CP7605910E0000000000000000000000000000000000	R5F10CMECLFB#12G R5F10CMELFB#H2G	1	Correction MPN Change as alternate
	R5F10CMELFB#H2G M24C04-DRDW3TP/K	1	Change as alternate
	M24C04-DRDW3TP/K IMSA-9937B-16A-TM2	1	1
	IMSA-99378-16A-TM2 IMSA-9257S-18Y916	1	1
	IMSA-92575-181916 LST676-R1S1-1-Z (Q65110A2152)	+	<b> </b>
		1	<b> </b>
88 X PE130028FA3200 CEP130028FA3200 DIOD-LES GREEN,SMD boy 2 3 3 3 9 pc0 Michia	NESG146AT-G-Cd1000,Cd1200,Cd1440	1	<b> </b>
89   X   PERSONICATION CUPILBOLICATION CUPILBOLICATION CONTROL	LYT676-S1T1-35 (Q65110A3818)	1	<b>+</b>
90 X P220018FA34AA CIPE20018FA34AA CIPE20018FA34AA OIOD-LED.WHITE,W2,X1,X0]A0]A-CCC2 boy 2 4 4 4 4 pc[0] Nichia	NSSW064AT	1	1
91 X PETIO178F43200 CEPETIO178F43200 ODD-120, MICHIA	NHSB146AT-W-Cd75,Cd90,Cd105	<del>                                     </del>	1
92 X   PR350238FG1000 CEPR350238FG1000 RESON/TAL,32.768Hx1,10ppm,FU-Fundamental Mode,SMD buy 2 1 1 1 pc(i) NDK	EXS00A-MU00929		1
93   X   PR800478FH1AE! CEPR800478FH-1AE! CEPR800478FH-1AE! RESON-CERM,8MHz,0.5%,FU-Fundamental Mode,CSTNE buy 2 1 1 1 1 pc(s) Murata		1	1
	CSTNE8M00G55A000R0		1
94   X   P-0000029F0000 CEP000029F0000 BESVAR_50,01,6,00V,4,0V,125,000C,14MM DISK buy 2 1 1 1 1 1 pc(s) TDK 95   X   V VPERGF-0857-BA CMBCR/500857-BA00 SWITCHTACT buy 2 2 2 2 2 2 pc(s) PANASONIC	CSTNE8M00G55A000R0 B72214S1140K561		

Line No.	Level	Part Number	BAAN Part Number	Description	Part type	Level	(TI Regulator &	Qty Silver Immersion Surface)		ty lator & Silver PCB Surface)	Unit	Spec	Maker	MPN	CN#	Note
	1 2 3 4	5					K2ZA	КЗАА	K2ZA	КЗАА						
96	х	VPBZRF-13N203-AA	CMBZRF13N2O3-AAOO	SCREW BTP 3X6 3U (NITTO SEIKO)	buy	2	2	2	2	2	pc(s)		Nitto	3X6 3U		
97	х	P130035BFFMAAE	CEP130035BFF-MAAE	RES-TF,3k,5%,250.0mW,200.0,155.0C,1206	buy	2	3	0	3	0	pc(s)		Kamaya	RMC1/8-302JTP		Correction EBOM
98	х	P522018BFAAX00	CEP522018BFA-AX00	DIOD-RECT,200V,250mA,50ns,SOD323	buy	2	1	0	1	0	pc(s)		Nexperia	BAS321,115		Correction EBOM
99	х	P540004RFAFX00	CEP540004BFA-EX00	DIOD-ZENER,4.7,5,SOD123	buy	2	1	0	1	0	pc(s)		Onsemi	SZMMSZ4688T1G		Correction EBOM
100	х	P700115CEE0000	CEP700115CFF-E000	IC-REG, VR_ADJ, TDFN,8	buy	2	0	0	1	1	pc(s)		Maxim	MAX16910CATA8/V+		New Component for Maxim Regulator
101	х	P100009BFDZCAC	CEP100009BFD-ZCAC	RES-TF,0,0000R,,,155ppm/C,155,000C,0402	buy	2	0	0	2	2	pc(s)		Kamaya	RMC1/16SJPTH		New Component for Maxim Regulator
102	х	K222608BFKEABB	CEK222608BFK-EABB	CAP-CERM,22,000uF,20,0000%,6,300V,X5R,,0805	buy	2	0	0	2	2	pc(s)		Taiyo Yuden	JMK212BBJ226MGHT		New Component for Maxim Regulator
103	х	P210347BFKAAAA	CEP2103478FK-AAAA	CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0603	buy	2	0	0	1	1	pc(s)		Kamaya	MT18B103K500CT		New Component for Maxim Regulator
104	х	Indirect Material		Solder Paste	buy	2	Ref	Ref	Ref	Ref	gram	Lead Free, SAC 305	Indium	89 HFA		
105	x	Indirect Material		Glue	buy	2	Ref	Ref	Ref	Ref	ml		Cemedine	SuperX8008		
106	x	Indirect Material		Flux	buy	2	Ref	Ref	Ref	Ref	ml		Tamura	EC-19S-10		,
107	x	Indirect Material	•	Solder Bar	buy	2	Ref	Ref	Ref	Ref	gram	Lead Free, SnAgCu	Alpha Metal	Lead Free Bar 96.5 Sn/3 Ag/0.5 Cu		
108	x	Indirect Material		Label	buy	2	Ref	Ref	Ref	Ref	pc(s)	8 x 8 mm / laser print		·		Add spec for alternate

			Rev	vision History	
Date	Revision no.	CN	CDSID	Des	scription of change
18-Mar-21	0	CN00123365	ZFIRAS	Initial Release	
				P130035BFFMAAE	EBOM Correction
24-Mar-21	1		BPRAKOSO	P522018BFAAX00	EBOM Correction
			_	P540004BFAEX00	EBOM Correction
				VPMK3F-10849-AA -> VPMK3F-10849-AB	Up suffix due to PWB update
				VPMK3F-10849-BA -> VPMK3F-10849-BB	Up suffix due to PWB update
				VPMK3F-18B968-AA ->VPMK3F-18B968-AB	Up suffix due to update SPEEDMETER ASSY part number
				VPMK3F-18B968-BA -> VPMK3F-18B968-BB	Up suffix due to update SPEEDMETER ASSY part number
			ZFIRAS	VPMK3F-10B895-AA -> VPMK3F-10B895-AB	Up suffix due to PWB update
26-Apr-21	2	CN00124175		VPMK3F-10B895-BA -> VPMK3F-10B895-BB	Up suffix due to PWB update
				VPMK3F-14B115-AB -> VPMK3F-14B115-AC	Up suffix due to PWB update
				VPMK3F-14B115-BB -> VPMK3F-14B115-BC	Up suffix due to PWB update
				VPMK3F-14A608-AB -> VPMK3F-14A608-AC	Up suffix due to PWB update
				SSMK3F14B115-AC0E	Add baan p/n due to structure update
			BPRAKOSO	SSMK3F14B115-BC0E	Add baan p/n due to structure update
19-May-21	2.1		BPRAKOSO	PWB26004, FR-4, double side, PTH, 194x70mm. (Kinyip)	Add spec & Update maker
				CMKK3F010894-AE00 -> CMKK3F010894-AE10	Updated baan p/n due to supplier change
22-Jun-21	2.2		- ZFIRAS	CMKK3F010894-BE00 -> CMKK3F010894-BE10	Updated baan p/n due to supplier change
				Add conformal coating coating	
				Change MCU VPN due to SCR	
			22244050	Change maker for P542004DFAAX00	
			BPRAKOSO	Add SURGE (AGS1G-13) as alternate due to 4M change	
				VPMK3F-14B115-AC -> VPMK3F-14B115-AD	Up suffix due to Micro SCR
19-Aug-21	2.3			VPMK3F-14B115-BC -> VPMK3F-14B115-BD	Up suffix due to Micro SCR
				VPMK3F-10849-AB -> VPMK3F-10849-AC	Up suffix due to updated BD ASY
				VPMK3F-10849-BB -> VPMK3F-10849-BC	Up suffix due to updated BD ASY
			ZFIRAS	VPMK3F-18B968-AB -> VPMK3F-18B968-AC	Up suffix due to update SPEEDMETER ASSY part number
				VPMK3F-18B968-BB -> VPMK3F-18B968-BC	Up suffix due to update SPEEDMETER ASSY part number
				VPMK3F-10B895-AB -> VPMK3F-10B895-AC	Up suffix due to Micro SCR
				VPMK3F-10B895-BB -> VPMK3F-10B895-BC	Up suffix due to Micro SCR
				Up suffix due to Micro SCR (Alligment with New BOM)	
6-Oct-21	2.4	CN00125058	BPRAKOSO	SSMK3F14B115-AC0E -> SSMK3F14B115-AD0E	
0-OCI-21	2.4	CNUU1Z3U38	DrnANUSU	SSMK3F14B115-BC0E -> SSMK3F14B115-BD0E	
				Correction MPN for Renesas MCU	
				R5F10CMECLFB#H2G => R5F10CMECLFB#12G	

				Up suffix due to UPDATE ANTIFOG USAGE
				VPKK3F-10C845-AE => VPKK3F-10C845-AF         FPKK3F10C845-AE0R => FPKK3F10C845-AF0R
				VPKK3F-10C845-BE=> VPKK3F-10C845-BF
				Up suffix SPEEDMETER ASSY
				VPMK3F-10849-AC => VPMK3F-10849-AD FSMK3F010849-AC0M => FSMK3F010849-AD0M
				VPMK3F-10849-BC => VPMK3F-10849-BD FSMK3F010849-BD0M
2-Dec-21	3	CN00127150	JAKVIANT	Up suffix BD ASSY PRINT
				VPMK3F-14B115-AC => VPMK3F-14B115-AD
				VPMK3F-14B115-BC = > VPMK3F-14B115-BD
				Up suffix due to Lens Assy update usage antifog
				37100-K2ZA-V010-M1 => 37100-K2ZA-V011-M1
				37100-K3AA-V010-M1 => 37100-K3AA-V011-M1
			BPRAKOSO	Correction BAAN P/N for PWBA
				Up suffix METER COMP, COMB due to New Customer Drawing Released
				37210-K2ZA-V010-M1 => 37210-K2Z -V010-M1
				37210-K3AA-V010-M1 => 37210-K3A -V010-M1
				VPMK3F-10B895-AC => VPMK3F-10B895-AD
				VPMK3F-10B895-BC => VPMK3F-10B895-BD
				Up suffix SPEEDMETER ASSY due to Meter Comb, Assy Upsuffix
				37100-K2ZA-V012-M1 => 37100-K2Z -V010-M1
02/14/2022	4	CN00127828	JAKVIANT	37100-K3AA-V010-M1 => 37100-K3A -V010-M1
				VPMK3F-10849-AD => VPMK3F-10849-AE FSMK3F010849-AD0M => FSMK3F010849-AE0M
				VPMK3F-10849-BD => VPMK3F-10849-BE FSMK3F010849-BD0M => FSMK3F010849-BE0M
				Up suffix BD ASY PRNT WIR due to New Customer Drawing Released
				37100-K2ZA-V000-21 => 37100-K2Z -V000-21
				37100-K3AA-V000-21 => 37100-K3A -V000-21
				VPMK3F-14B115-AD => VPMK3F-14B115-AE  CMMK3F14B115-AD00 => CMMK3F14B115-AE00
				VPMK3F-14B115-BD = > VPMK3F-14B115-BE
				Correction P/N for PWBA with TI LDO
				VPMK3F-14B115-AE => VPMK3F-14B115-AD
				VPMK3F-14B115-BE => VPMK3F-14B115-BD
				New PWBA P/N for Maxim LDO
				VPMK3F-14B115-CA
				VPMK3F-14B115-DA
8-Apr-22	5.1	(Draft)K2ZA_ElecBOM_PWB26598.xlsx	BPRAKOSO	New P/N PWB for Alternate PCB Surface (OSP)
υ Αρι-22	5.1	(State)NZZA_EIGGBOWI_FWBZ0336.XISX	DI NANO3O	VPMK3F-14A608-AC-T
				VPMK3F-14A608-BA-T
				New P/N PWBA for Alternate PCB Surface (OSP)
				VPMK3F-14B115-AD-T
				VPMK3F-14B115-BD-T
				VPMK3F-14B115-CA-T
				VPMK3F-14B115-DA-T
12-Apr-22	5.2	(Draft)K2ZA_ElecBOM_PWB26598.xlsx	BPRAKOSO	Correction BAAN P/N for AVI
		(Draft)K2ZA_ElecBOM_PWB26598.xlsx	BPRAKOSO	Correction BAAN P/N for AVI
				Upsuffix CIUSTER ASSY due to PWBA updated PN (New SW Implementation)
				VPMK3F-10849-AG => VPMK3F-10849-AH         FSMK3F010849-AG0M => FSMK3F010849-AH0M
				VPMK3F-10849-BG => VPMK3F-10849-BH         FSMK3F010849-BG0M => FSMK3F010849-BH0M
				VPMK3F-10849-AG => VPMK3F-10849-AH         FSMK3F010849-AG2M => FSMK3F010849-AH2M
				VPMK3F-10849-BG => VPMK3F-10849-BH         FSMK3F010849-BG2M => FSMK3F010849-BH2M
				Upsuffix Inner case assy due to PWBA updated PN
28-Apr-22	6			VPMK3F-10B895-AD => VPMK3F-10B895-AE
,		CN00128696	JAKVIANT	VPMK3F-10B895-BD => VPMK3F-10B895-BE

	,		
		VPMK3F-10B895-AD => VPMK3F-10B895-AE	FPMK3F10B895-AD2R => FPMK3F10B895-AE2R
		VPMK3F-10B895-BD => VPMK3F-10B895-BE	FPMK3F10B895-BD2R => FPMK3F10B895-BE2R
		Upsuffix PWBA due to Software update	
		VPMK3F-14B115-AD => VPMK3F-14B115-AE	CMMK3F14B115-AD00 => CMMK3F14B115-AE00
		VPMK3F-14B115-BD => VPMK3F-14B115-BE	CMMK3F14B115-BD00 => CMMK3F14B115-BE00
		VPMK3F-14B115-AD => VPMK3F-14B115-AE	CMMK3F14B115-AD10=> CMMK3F14B115-AE10
		VPMK3F-14B115-BD => VPMK3F-14B115-BE	CMMK3F14B115-BD10=> CMMK3F14B115-BE10

PartNumber	Description	Symbol	Circuit	Level	AD	BD	AD-T	BD-T
	PWB - Single (Daughter)	C)	000.10	1	1	1	0	0
	PWB - Single (Daughter)			1	0	0	1	1
P210467BFKAFAB	CAP-CERM,100,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805	C100	POWER SUPPLY	1	1	1	1	1
P210367BFKAFAB	CAP-CERM,10NF,10%,100V,X7R,Poly Term,0805	C1001	TELLTALES	1	1	DEP	1	DEP
P210467BFKAFAB	CAP-CERM,100,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805		POWER SUPPLY	1	1	1	1	1
P422172CFDEX00	CAP-ALUM,220uF,20%,50V,,105.0C,SMD	C102	POWER SUPPLY	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C104	POWER SUPPLY		1	1	1	1
P210367BFKAFAB	CAP-CERM,10NF,10%,100V,X7R,Poly Term,0805	C105	POWER SUPPLY	1	1	1	1	1
P210367BFKAFAB	CAP-CERM,10NF,10%,100V,X7R,Poly Term,0805	C106	POWER SUPPLY	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C107	POWER SUPPLY		1	1	1	1
P210627BFKFABB	CAP-CERM,10uF,10%,16V,X7S,,0805	C108	POWER SUPPLY	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C109	POWER SUPPLY	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C110	POWER SUPPLY	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C111	POWER SUPPLY	1		DEP		
P210627BFKFABB	CAP-CERM,10uF,10%,16V,X7S,,0805	C112	POWER SUPPLY	1	1	1	1	1
P247347BFKAAAD	CAP-CERM,47NF,10%,50V,X7R,,0402	C113	POWER SUPPLY	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C114	POWER SUPPLY	1		DEP		
P210467BFKAFAB	CAP-CERM,100,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805		POWER SUPPLY		1	1	1	1
P410162CFCC004	CAP-ALUM,100uF,20%,35V,,105.0C,SMD	C118	POWER SUPPLY	1	1	1	1	1
P210627BFKFABB	CAP-CERM,10uF,10%,16V,X7S,,0805	C124	POWER SUPPLY		-			
P210467BFKAFAB	CAP-CERM,100,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805		POWER SUPPLY	1	1	1	1	1
P222166BFJAFAB	CAP-CERM,220PF,5%,100V,C0G,Poly Term,0805	C151	POWER SUPPLY	1	1	1	1	1
P210367BFKAFAB	CAP-CERM,10NF,10%,100V,X7R,Poly Term,0805	C200	IN PUT	1	1	1	1	1
P210247BFKAAAD	CAP-CERM,1,000NF,10,0000%,50,000V,X7R,,0402	C201	IN PUT	1	1	1	1	1
P210467BFKAFAB	CAP-CERM,100,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805		DIGITAL IN	1	DEP		DEP	
P210367BFKAFAB	CAP-CERM,10NF,10%,100V,X7R,Poly Term,0805	C206	DIGITAL IN	1	DEP.		DEP	
P210247BFKAAAD	CAP-CERM,1,000NF,10,0000%,50,000V,X7R,,0402	C208	IN PUT	1	1	1	1	1
P210247BFKAAAD	CAP-CERM,1,000NF,10,0000%,50,000V,X7R,,0402	C211	POWER SUPPLY	1	1	1	1	1
P247247BFKAAAD	CAP-CERM,4.7nF,10%,50V,X7R,,0402	C217	DIGITAL IN	1	DEP	1	DEP	<del>_</del>
P210268BFJA003	CAP-CERM,1NF,20%,100V,C0G,Spk Dis,0805	C250	DIGITAL_IN	1	DEP		DEP	_
P210268BFJA003	CAP-CERM,1NF,20%,100V,C0G,Spk Dis,0805	C251	DIGITAL_IN	1	DEP		DEP	_
P210268BFJA003	CAP-CERM,1NF,20%,100V,C0G,Spk Dis,0805	C252	DIGITAL_IN	1	DEP		DEP	_
P210247BFKAAAD	CAP-CERM,1,000NF,10,0000%,50,000V,X7R,,0402	C257	DIGITAL IN	1				DEP
P222367BFKAAAA	CAP-CERM,22NF,10%,100V,X7R,,0603	C261	DIGITAL IN	1	DEP	1	DEP	
P210446BFKAABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C262	DIGITAL IN	1	DEP		DEP	
P210446BFKAABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C263	DIGITAL IN	1	DEP	_	DEP	_
P210446BFKAABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C264	DIGITAL IN	1	DEP.		DEP	_
P210040BFJAAAD	CAP-CERM,10PF,5%,50V,C0G,,0402	C272	DIGITAL IN	1	DEP		DEP	_
			DIGITAL_IN	1				DEP
P210347BFKAFAA	CAP-CERM,10,000NF,10,0000%,50,000V,X7R-FLEX,Poly Term,0603	C310	IN PUT	1				DEP
P210347BFKAFAA	CAP-CERM,10,000NF,10,0000%,50,000V,X7R-FLEX,Poly Term,0603	C311	IN PUT	1				DEP
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C313	DIGITAL IN	1	1	DEP		DEP
P210268BFJA003	CAP-CERM,1NF,20%,100V,C0G,Spk Dis,0805	C314	COMMUN	1	1	1	1	1
P222166BFJAFAB	CAP-CERM,220PF,5%,100V,C0G,Poly Term,0805	C315	COMMUN	1	1	1	1	1
P222146BFJAAAD	CAP-CERM,220PF,5%,50V,C0G,,0402	C400	COMMUN	1		DEP		
P210467BFKAFAB		C475	IN PUT	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C500	MICRO	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C501	MICRO	1	1	1	1	1
P222146BFJAAAD	CAP-CERM,220PF,5%,50V,C0G,,0402	C502	MICRO	1	1	1	1	1
P210446BFKAABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C503	MICRO	1	1	1	1	1
P210446BFKAABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C504	MICRO	1	1	1	1	1
P210446BFKAABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C505	MICRO	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C506	MICRO	1	1	1	1	1
P29094BBFJAAAD	CAP-CERM,9PF,0.56%,50V,COG,,0402	C507	MICRO	1	1	1	1	1
P28094ABFJAAAD	CAP-CERM,8PF,1.25%,50V,COG,,0402	C508	MICRO	1	1	1	1	1
P210537BFKAAAA	CAP-CERM,1,000uF,10,0000%,25,000V,X7R,,0603	C509	MICRO	1	1	1	1	1
P210446BFKAABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C510	MICRO	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C511	MICRO	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C512	MICRO	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C512	MICRO	1	1	1	1	1
P247066BFJA001	CAP-CERM,10NI,10N,30V,X7N,,0402 CAP-CERM,47PF,5%,100V,C0G,Sole Sourced,0603	C514	MICRO	1	-	DEP		DED.
P247066BFJA001	CAP-CERM,47FF,5%,100V,C0G,Sole Sourced,0603	C514	MICRO	1	_	_	_	DEP
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C516	MICRO	1	1	1	1	1
	OCI -OLINVI, I U NI , I U /0,00 V , A / IN,,U4UZ	0010	IVIIOINO					
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C517	MICRO	1	1	I 1 I	1	1 1

P210268BFJA003 C P210446BFKAABA C	Description CAP-CERM,1NF,20%,100V,C0G,Spk Dis,0805		Circuit	Level	AD	BD	AD-T	
P210446BFKAABA C		C518	COMMUN	1	1	1	1	1
	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C519	MICRO	1	1	1	1	1
P222146BFJAAAD C		C589	MICRO	1	1	1	1	1
			TELLTALES	1	1	1	1	1
	CAP-CERM,10NF,10%,50V,X7R,,0402	C601	TELLTALES	1	1	1	1	1
P210367BFKAFAB C	CAP-CERM,10NF,10%,100V,X7R,Poly Term,0805	C602	TELLTALES	1	1	1	1	1
P210367BFKAFAB C	CAP-CERM,10NF,10%,100V,X7R,Poly Term,0805	C603	TELLTALES	1	1	1	1	1
P210367BFKAFAB	CAP-CERM,10NF,10%,100V,X7R,Poly Term,0805	C604	TELLTALES	1	1	1	1	1
P210347BFKAAAD (	CAP-CERM,10NF,10%,50V,X7R,,0402	C605	TELLTALES	1	1	1	1	1
P210367BFKAFAB	CAP-CERM,10NF,10%,100V,X7R,Poly Term,0805	C606	TELLTALES	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10NF,10%,50V,X7R,,0402	C607	TELLTALES	1	1	1	1	1
P210367BFKAFAB (	CAP-CERM,10NF,10%,100V,X7R,Poly Term,0805	C608	TELLTALES	1	1	1	1	1
P210347BFKAAAD (	CAP-CERM,10NF,10%,50V,X7R,,0402	C609	TELLTALES	1	1	1	1	1
P247247BFKAAAD (	CAP-CERM,4.7nF,10%,50V,X7R,,0402	C610	TELLTALES	1	DEP	DEP	DEP	DEP
P247247BFKAAAD (	CAP-CERM,4.7NF,10%,50V,X7R,,0402	C616	TELLTALES	1	1	DEP	1	DEP
P210347BFKAAAD (	CAP-CERM,10NF,10%,50V,X7R,,0402	C700	ILLUM	1	1	1	1	1
P210347BFKAAAD (	CAP-CERM,10NF,10%,50V,X7R,,0402		ILLUM	1	1	1	1	1
			ILLUM	1	1	1	1	1
	, , , , , , , , , , , , , , , , , , , ,		ILLUM	1	1	1	1	1
	CAP-CERM,100,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805		ILLUM	1	1	1	1	1
-			POWER_SUPPLY	1	1	1	1	1
-	DIOD-RECT,400,000V,1,000A,1,800us,SMA	D101	POWER_SUPPLY	1	1	1	1	1
-	DIOD-RECT,400,000V,1,000A,1,800us,SMA		POWER_SUPPLY	1	1	1	1	1
			POWER_SUPPLY		DEP			DEP
			POWER SUPPLY	1	1	1	1	1
<del></del>	, ,		DIGITAL_IN		DEP	1	DEP	1
		D300	DIGITAL_IN	1	1	DEP	1	DEP
-		D600	TELLTALES	1	1	1	1	1
-	DIOD-RECT,400,000V,1,000A,1,800us,SMA	D601	TELLTALES	1	1	1	1	1
	DIOD-RECT,400,000V,1,000A,1,800us,SMA	D602	TELLTALES	1	1	1	1	1
			TELLTALES	11	1	1	1	1
	, , , , , , , , , , , , , , , , , , , ,	D613 D900	TELLTALES	11	1	1 DEP		1
			TELLTALES COMMUN	1				DEP DEP
	DIOD-ZENER,27.0,3,301-23	DZ800	TELLTALES	1	1	DEP	1	DEP
		J1	CONN	1	1	1	1	1
	CONN-,C/M - Device Sockets,18,Vertical,Surface Mount		MICRO	1	1	1	1	1
	CONN-,C/M - Device Sockets,18,Vertical,Surface Mount		MICRO	1	1	1	1	1
			MICRO	1	1	1	1	1
	DIOD-LED,AMBER,P-LCC-2		TELLTALES	1	1	1	1	1
	DIOD-LED,AMBER,P-LCC-2		TELLTALES	1	1	1	1	1
	DIOD-LED,BLUE,(),(),SMD		TELLTALES	1	1	1	1	1
	DIOD-LED,RED,P-LCC-2		TELLTALES	1	1	1	1	1
	DIOD-LED,RED,P-LCC-2	LED607	TELLTALES	1	1	1	1	1
PE13002BFA3200	DIOD-LED,GREEN,SMD	LED609	TELLTALES	1	1	1	1	1
PE13002BFA3200	DIOD-LED,GREEN,SMD	LED610	TELLTALES	1	1	1	1	1
PE13002BFA3200	DIOD-LED,GREEN,SMD	LED611	TELLTALES	1	1	1	1	1
PE18001CFA3100	DIOD-LED,AMBER,P-LCC-2	LED614	TELLTALES	1	1	DEP	1	DEP
	DIOD-LED,WHITE,(W2, X1, X2),(A0),P-LCC-2	LED700		1	1	1	1	1
PE23001BFA34AA	DIOD-LED,WHITE,(W2, X1, X2),(A0),P-LCC-2	LED701	ILLUM	1	1	1	1	1
PE23001BFA34AA	DIOD-LED,WHITE,(W2, X1, X2),(A0),P-LCC-2	LED702		1	1	1	1	1
	DIOD-LED,WHITE,(W2, X1, X2),(A0),P-LCC-2	LED703		1	1	1	1	1
			POWER_SUPPLY	1	1	1	1	1
<del></del>	XSTR-BP,N-Channel,80V,500mA,SOT-23		POWER_SUPPLY	1	1	1	1	1
<del></del>			TELLTALES	1	1	DEP	1	DEP
<del></del>			POWER_SUPPLY	1	1	1	1	1
			POWER SUPPLY	1	1	1	1	1
	XSTR-BP,comple,65V,100mA,SOT363	Q218	DIGITAL_IN		DEP	1	DEP	1
		Q219	DIGITAL IN	1	DEP	1	DEP	1
			DIGITAL_IN		DEP		DEP	1
<del></del>	XSTR-BP,P,80,000V,500,000mA,SOT-23	Q224	DIGITAL_IN		DEP 1	1	DEP 1	1
	XSTR-BP,N-Channel,80V,500mA,SOT-23	Q300 Q301	COMMUN	1	1	1 DED	1	1 DED
	, , , , , , , , , , , , , , , , , , , ,	Q301 Q302	DIGITAL_IN COMMUN	1	1	DEP 1	1	DEP 1
	NATE OF A SULVIVOR SULVIVOR AND SULVEY OF SULV	QUU∠	CONTINION	- 1	ı	- 1	- 1	, 1

PartNumber	Description	Symbol	Circuit	Leve	AD	BD	ΔD <sub>-</sub> T	BD-T
P660303BFAAX00	XSTR-BRES,NPN,50V,100mA,SOT-23	Q600	TELLTALES	1	1	1	1	1
P611006BFBAX00	XSTR-BP,N-Channel,80V,500mA,SOT-23	Q601	TELLTALES	1		DEP		
P660303BFAAX00	XSTR-BRES,NPN,50V,100mA,SOT-23	Q602	TELLTALES	1	1	1	1	1
P660303BFAAX00	XSTR-BRES,NPN,50V,100mA,SOT-23	Q603	TELLTALES	1	1	1	1	1
P110035BFDMCAD	RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R100	POWER SUPPLY		1	1	1	1
P112035BFJMAAE	RES-TF,1.2k,5%,250.0mW,200.0,155.0C,1206	R1001	TELLTALES	1	1	DEP	1	DEP
P112035BFJMAAE	RES-TF,1.2k,5%,250.0mW,200.0,155.0C,1206	R1002	TELLTALES	1	1	DEP	1	DEP
P110045BFDMCAD	RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R1003	TELLTALES	1	1	DEP	1	DEP
P130035BFFMAAE	RES-TF,3k,5%,250.0mW,200.0,155.0C,1206	R1004	TELLTALES	1	1	DEP	1	DEP
P130035BFFMAAE	RES-TF,3k,5%,250.0mW,200.0,155.0C,1206	R1005	TELLTALES	1	1	DEP		DEP
P147035BFDMCAD	RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R101	POWER SUPPLY	1	1	1	1	1
P147035BFDMCAD	RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R102	POWER SUPPLY	1	1	1	1	1
P130045BFEMAAC	RES-TF,30k,5%,125.0mW,200ppm/C,155.0C,0805	R103	POWER SUPPLY		1	1	1	1
P151043CFDNCAD	RES-TF,51k,1%,100.0mW,100.0,155.0C,0603	R104	POWER SUPPLY		1	1	1	1
P168035BFEMAAC	RES-TF,6.8k,5%,125.0mW,200ppm/C,155.0C,0805	R105	POWER SUPPLY		1	1	1	1
P110045BFDMCAD	RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R106	POWER SUPPLY		1	1	1	1
P100009BFEZAAC	RES-TF155.0C,0805	R107	POWER SUPPLY		1	1	1	1
P100009BFFZAAE	RES-TF,,,,,155.0C,1206	R109	MICRO	1	1	1	1	1
P100009BFFZAAE	RES-TF,,,,,155.0C,1206	R110	MICRO	1	1	1	1	1
P100009BFFZAAE	RES-TF,,,,,155.0C,1206	R111	MICRO	1	1	1	1	1
P100009BFFZAAE	RES-TF,,,,,155.0C,1206	R112	MICRO	1	1	1	1	1
P100009BFFZAAE	RES-TF,,,,,155.0C,1206	R113	MICRO	1	1	1	1	1
P100009BFFZAAE	RES-TF,,,,,155.0C,1206	R114	MICRO	1	1	1	1	1
P100009BFFZAAE	RES-TF,,,,,155.0C,1206	R115	MICRO	1	1	1	1	1
P100009BFFZAAE	RES-TF155.0C.1206	R116	MICRO	1	1	1	1	1
P168045BFEMAAC	RES-TF,68k,5%,125.0mW,200ppm/C,155.0C,0805	R200	IN PUT	1	1	1	1	1
P168045BFEMAAC	RES-TF,68k,5%,125.0mW,200ppm/C,155.0C,0805	R203	POWER SUPPLY	1	1	1	1	1
P120047BFFNAAC	RES-TF,20k,0.5%,125.0mW,100.0,125.0C,0805	R204	IN PUT	1	1	1	1	1
P130147BFETAAC	RES-TF,30.1k,0.5%,125.0mW,50.0,125.0C,0805	R205	IN PUT	1	1	1	1	1
P100009BFDZCAD	RES-TF,0R,,,,155.0C,0603	R206	DIGITAL IN	1	DEP	1	DEP	1
P130147BFETAAC	RES-TF,30.1k,0.5%,125.0mW,50.0,125.0C,0805	R208	POWER SUPPLY	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R209	IN PUT	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R210	IN PUT	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R211	IN PUT	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R212	IN PUT	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R213	IN PUT	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R214	IN PUT	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R215	IN PUT	1	1	1	1	1
P110047BFETAAC	RES-TF,10k,0.5%,125.0mW,50.0,125.0C,0805	R216	IN_PUT	1	1	1	1	1
P110047BFETAAC	RES-TF,10k,0.5%,125.0mW,50.0,125.0C,0805	R217	IN PUT	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R218	IN PUT	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R219	IN_PUT	1	1	1	1	1
P110047BFETAAC	RES-TF,10k,0.5%,125.0mW,50.0,125.0C,0805	R220	POWER_SUPPLY	1	1	1	1	1
P168045BFEMAAC	RES-TF,68k,5%,125.0mW,200ppm/C,155.0C,0805	R226	IN_PUT	1	1	1	1	1
P110035BFDMCAD	RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R229	DIGITAL_IN	1	DEP	1	DEP	1
P110035BFDMCAD	RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R230	DIGITAL_IN	1	DEP	1	DEP	1
P110035BFDMCAD	RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R231	DIGITAL_IN	1	DEP	1	DEP	1
P110015BFEMAAC	RES-TF,10R,5%,125.0mW,200.0,155.0C,0805	R247	DIGITAL_IN	1	DEP	1	DEP	1
P122035BFEMAAC	RES-TF,2.2k,5%,125.0mW,200ppm/C,155.0C,0805	R248	DIGITAL IN	1	DEP	1	DEP	1
P124025BFDMCAD	RES-TF,240R,5%,100.0mW,200.0,155.0C,0603	R249	DIGITAL_IN	1	DEP	1	DEP	1
P114033BFDNCAD	RES-TF,1.4k,1%,100.0mW,100.0,155.0C,0603	R250	DIGITAL_IN	1	DEP	1	DEP	1
P120033BFDNCAD	RES-TF,2k,1%,100.0mW,100.0,155.0C,0603	R251	DIGITAL_IN	1	DEP	1	DEP	1
P110023BFENAAC	RES-TF,100R,1%,125.0mW,100.0,155.0C,0805	R252	DIGITAL_IN	1	DEP	1	DEP	1
P110053BFDNCAD	RES-TF,100,0000k,1,0000%,100,000mW,100ppm/C,155,000C,0603	R253	DIGITAL_IN	1	DEP	1	DEP	1
P168033BFDNCAD	RES-TF,6.8k,1%,100.0mW,100.0,155.0C,0603	R254	DIGITAL_IN	1	DEP	1	DEP	1
P139043BFDNCAD	RES-TF,39k,1%,100.0mW,100ppm/C,155.0C,0603	R255	DIGITAL_IN	1	DEP	1	DEP	1
P115035BFDMCAD	RES-TF,1.5k,5%,100.0mW,200.0,155.0C,0603	R256	DIGITAL IN	1	DEP	1	DEP	1
P120035BFDMCAD	RES-TF,2k,5%,100.0mW,200.0,155.0C,0603	R257	DIGITAL_IN	1	DEP	1	DEP	1
P115013BFFNAAE	RES-TF,15R,1%,250.0mW,100.0,155.0C,1206	R265	DIGITAL_IN	1	DEP	1	DEP	1
P110045BFDMCAD	RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R278	DIGITAL_IN	1	DEP	1	DEP	1
P100009BFDZCAD	RES-TF,0R,,,,155.0C,0603	R279	DIGITAL_IN	1	1	DEP	1	DEP
P168035BFEMAAC	RES-TF,6.8k,5%,125.0mW,200ppm/C,155.0C,0805	R300	DIGITAL_IN	1	1	DEP	1	DEP
P110035BFDMCAD	RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R301	COMMUN	1	1	1	1	1
P147035BFDMCAD	RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R302	DIGITAL_IN	1	1	DEP	1	DEP
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PartNumber	Description	Symbol	Circuit	Leve	AD	BD	AD_T	BD-T
P168035BFDMCAD	RES-TF,6.8k,5%,100.0mW,200.0,155.0C,0603	R305	COMMUN	1	1	1	1	1
P110045BFDMCAD	RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R306	IN PUT	1	1	1	1	1
P110045BFDMCAD	RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R307	IN PUT	1	1	1	1	1
P122035BFEMAAC	RES-TF,2.2k,5%,125.0mW,200ppm/C,155.0C,0805	R308	DIGITAL_IN	1	1	DEP	1	DEP
P147035BFDMCAD	RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R309	DIGITAL_IN	1	1	DEP	1	DEP
P127035BFDMCAD	RES-TF,2.7k,5%,100.0mW,200.0,155.0C,0603	R310	COMMUN	1	1	1	1	1
P151035BFEMAAC	RES-TF,5.1k,5%,125.0mW,200ppm/C,155.0C,0805	R311	COMMUN	1	1	1	1	1
P151035BFEMAAC	RES-TF,5.1k,5%,125.0mW,200ppm/C,155.0C,0805	R312	COMMUN	1	1	1	1	1
P151035BFEMAAC	RES-TF,5.1k,5%,125.0mW,200ppm/C,155.0C,0805	R313	COMMUN	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R314	COMMUN	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R315	COMMUN	1	1	1	1	1
		R318	COMMUN	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	1		1				
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R319	COMMUN	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R320	COMMUN	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R321	COMMUN		1			
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R322	COMMUN	1	1	1	1	1
P147035BFDMCAD	RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R323	IN PUT		1	1		
P147035BFDMCAD	RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R324	IN_PUT	1	1	1	1	1
P124033BFDNCAD	RES-TF,2.4k,1%,100.0mW,100ppm/C,155.0C,0603	R382	DIGITAL_IN	1	DEP	1	DEP	1
P130033BFDNCAD	RES-TF,3,0000k,1,0000%,100,000mW,100ppm/C,155,000C,0603	R383	DIGITAL_IN	1	DEP	1	DEP	1
P100009BFDZCAD	RES-TF,0R,,,,155.0C,0603	R414	COMMUN	1	1	1	1	1
P100009BFEZAAC	RES-TF,,,,,155.0C,0805	R450	COMMUN	1	1	1	1	1
P147035BFDMCAD	RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R500	MICRO	1	1	1	1	1
P147035BFDMCAD	RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R501	MICRO	1	1	1	1	1
P147035BFDMCAD	RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R502	MICRO	1	1	1	1	1
P110035BFDMCAD	RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R503	MICRO	1	1	1	1	1
P100009BFDZCAD	RES-TF,0R,,,,155.0C,0603	R504	MICRO	1	1	1	1	1
P130147BFETAAC	RES-TF,30.1k,0.5%,125.0mW,50.0,125.0C,0805	R533	COMMUN	1	1	1	1	1
P120047BFFNAAC	RES-TF,20k,0.5%,125.0mW,100.0,125.0C,0805	R534	COMMUN	1	1	1	1	1
P110035BFDMCAD	RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603	R535	MICRO	1	1	1	1	1
P112035BFJMAAE	RES-TF,1.2k,5%,250.0mW,200.0,155.0C,1206	R600	TELLTALES	1	1	1	1	1
P112035BFJMAAE	RES-TF,1.2k,5%,250.0mW,200.0,155.0C,1206	R601	TELLTALES	1	1	1	1	1
P118035BFJMAAE	RES-TF,1.8k,5%,250.0mW,200.0,155.0C,1206	R602	TELLTALES	1	1	1	1	1
P118035BFJMAAE	RES-TF,1.8k,5%,250.0mW,200.0,155.0C,1206	R603	TELLTALES	1	1	1	1	1
P118035BFJMAAE	RES-TF,1.8k,5%,250.0mW,200.0,155.0C,1206	R604	TELLTALES	1	1	1	1	1
P118035BFJMAAE	RES-TF,1.8k,5%,250.0mW,200.0,155.0C,1206	R605	TELLTALES	1	1	1	1	1
P130035BFFMAAE	RES-TF,3k,5%,250.0mW,200.0,155.0C,1206	R606	TELLTALES	1	1	DEP	1	DEP
P110045BFDMCAD	RES-TF,10k,5%,100.0mW,200ppm/C,155.0C,0603	R607	TELLTALES	1	DEP	DEP	DEP	DEP
P175025BFDMCAD	RES-TF,750R,5%,100.0mW,200.0,155.0C,0603	R608	TELLTALES	1	1	1	1	1
P175025BFDMCAD	RES-TF,750R,5%,100.0mW,200.0,155.0C,0603	R609	TELLTALES	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R610	TELLTALES	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R611	TELLTALES	1	1	1	1	1
P116035BFFMAAE	RES-TF,1.6k,5%,250.0mW,200.0,155.0C,1206	R612	TELLTALES	1	1	1	1	1
P116035BFFMAAE	RES-TF,1.6k,5%,250.0mW,200.0,155.0C,1206	R613	TELLTALES	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R614	TELLTALES	1	1	1	1	1
P115033BFJNAAE	RES-TF,1.5k,1%,250.0mW,100.0,155.0C,1206	R615	TELLTALES	1	1	1	1	1
P118035BFJMAAE	RES-TF,1.8k,5%,250.0mW,200.0,155.0C,1206	R616	TELLTALES	1	1	1	1	1
P118035BFJMAAE	RES-TF,1.8k,5%,250.0mW,200.0,155.0C,1206	R617	TELLTALES	1	1	1	1	1
P112035BFJMAAE	RES-TF,1.2k,5%,250.0mW,200.0,155.0C,1206	R618	TELLTALES	1	1	1	1	1
P112035BFJMAAE	RES-TF,1.2k,5%,250.0mW,200.0,155.0C,1206	R619	TELLTALES	1	1	1	1	1
P175025BFDMCAD	RES-TF,750R,5%,100.0mW,200.0,155.0C,0603	R620	TELLTALES	1	1	1	1	1
P175025BFDMCAD	RES-TF,750R,5%,100.0mW,200.0,155.0C,0603	R621	TELLTALES	1	1	1	1	1
P175025BFDMCAD	RES-TF,750R,5%,100.0mW,200.0,155.0C,0603	R622	TELLTALES	1	1	1	1	1
P100009BFEZAAC	RES-TF,0R,,,,155.0C,0805	R623	TELLTALES	1	1	1	1	1
P139035BFFMAAE	RES-TF,3.9k,5%,250.0mW,200ppm/C,155.0C,1206	R624	TELLTALES	1	DEP			
P121033BFFNAAE	RES-TF,2.1k,1%,250.0mW,100ppm/C,,1206	R627	TELLTALES	1	1	1	1	1
P121033BFFNAAE	RES-TF,2.1k,1%,250.0mW,100ppm/C,,1206	R631	TELLTALES	1	1	1	1	1
P121033BFFNAAE	RES-TF,2.1k,1%,250.0mW,100ppm/C,,1206	R632	TELLTALES	1	1	1	1	1
P121033BFFNAAE	RES-TF,2.1k,1%,250.0mW,100ppm/C,,1206	R633	TELLTALES	1	1	1	1	1
P110063BFENCAD	RES-TF,1,0000M,1,0000%,100,000mW,100ppm/C,125,000C,0603	R647	MICRO	1				
P110003BFLNCAB	RES-TF,1k,5%,250.0mW,200.0,155.0C,1206	R700	ILLUM	1	1	1	1	1
P110035BFJMAAE	RES-TF,1k,5%,250.0mW,200.0,155.0C,1206	R701	ILLUM	1	1	1	1	1
P110035BFJMAAE	RES-TF,1k,5%,250.0mW,200.0,155.0C,1206	R701	ILLUM	1	1	1	1	1
P110035BFJMAAE	RES-TF,1k,5%,250.0mW,200.0,155.0C,1206	R703	ILLUM	1	1	1	1	1
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PartNumber	Description	Symbol	Circuit	Level	AD	BD	AD-T	BD-T
P110035BFJMAAE	RES-TF,1k,5%,250.0mW,200.0,155.0C,1206	R704	ILLUM	1	1	1	1	1
P110035BFJMAAE	RES-TF,1k,5%,250.0mW,200.0,155.0C,1206	R705	ILLUM	1	1	1	1	1
P110035BFJMAAE	RES-TF,1k,5%,250.0mW,200.0,155.0C,1206	R706	ILLUM	1	1	1	1	1
P110035BFJMAAE	RES-TF,1k,5%,250.0mW,200.0,155.0C,1206	R707	ILLUM	1	1	1	1	1
P175025BFDMCAD	RES-TF,750R,5%,100.0mW,200.0,155.0C,0603	R708	ILLUM	1	1	1	1	1
P175025BFDMCAD	RES-TF,750R,5%,100.0mW,200.0,155.0C,0603	R709	ILLUM	1	1	1	1	1
P175025BFDMCAD	RES-TF,750R,5%,100.0mW,200.0,155.0C,0603	R710	ILLUM	1	1	1	1	1
P175025BFDMCAD	RES-TF,750R,5%,100.0mW,200.0,155.0C,0603	R711	ILLUM	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP500	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP501	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP502	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP503	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP504	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP505	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP506	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP507	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP508	MICRO	1	1	1	1	1
VPEBQF-0857-BA	SWITCH TACT	SW300	IN_PUT	1	1	1	1	1
VPEBQF-0857-BA	SWITCH TACT	SW301	IN_PUT	1	1	1	1	1
P701156CFFC000	IC-REG,VR_LIN,MSOP	U100	POWER_SUPPLY	1	1	1	1	1
P700034CFGBX00	IC-COMP,COMP,SOIC	U201	DIGITAL_IN	1	DEP	1	DEP	1
P7605910FL0001	IC-PROC,16BIT-MCU,LQFP	U500	MICRO	1	1	1	1	1
P770056CFNC000	IC-MEM,EEPROM,TSSOP	U501	MICRO	1	1	1	1	1
P7605910FL0001	RESON-XTAL,32.768kHz,10ppm,FU - Fundamental Mode,SMD	Y500	MICRO	1	1	1	1	1
PR80047BFH1AEJ	RESON-CERM,8MHz,0.5%,FU - Fundamental Mode,CSTNE	Y501	MICRO	1	1	1	1	1

PartNumber	Description	Symbol	Circuit	Level	CA	DA	CA-T	DA-T
VPMK3F-14A608-BA	PWB - Single (Daughter)	Cymbol	Girodit	1	1	1	0	0
	PWB - Single (Daughter)			1	0	0	1	1
P210467BFKAFAB	CAP-CERM,100,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805	C100	POWER SUPPLY		1	1	1	1
P210367BFKAFAB	CAP-CERM,10,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805	C1001	TELLTALES	1	DEP	1	DEP	1
P210467BFKAFAB	CAP-CERM,100,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805		POWER SUPPLY		1	1	1	1
P422172CFDEX00	CAP-ALUM,220,000uF,20,0000%,50,000V,,105,000C,SMD	C102	POWER SUPPLY		1	1	1	1
P210247BFKAAAD	CAP-CERM,1,000NF,10,0000%,50,000V,X7R,,0402	C104	POWER SUPPLY		1	1	1	1
P210367BFKAFAB	CAP-CERM,10,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805	C105	POWER SUPPLY		1	1	1	1
P210367BFKAFAB	CAP-CERM.10,000NF.10,0000%.100,000V,X7R-FLEX,Poly Term.0805	C106	POWER SUPPLY		1	1	1	1
P210347BFKAAAA	CAP-CERM.10,000NF.10,0000%.50,000V,X7R.,0603	C107	POWER SUPPLY		1	1	1	1
K222608BFKEABB	CAP-CERM,22,000uF,20,0000%,6,300V,X5R,,0805	C108	POWER SUPPLY	_	1	1	1	1
P210347BFKAAAD	CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0402	C109	POWER SUPPLY		1	1	1	1
P210347BFKAAAD	CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0402	C110	POWER SUPPLY		1	1	1	1
P210347BFKAAAD	CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0402	C111	POWER SUPPLY		_	DEP	DEP	DEP
K222608BFKEABB	CAP-CERM,22,000uF,20,0000%,6,300V,X5R,,0805	C112	POWER SUPPLY		1	1	1	1
P247347BFKAAAD	CAP-CERM,47,000NF,10,0000%,50,000V,X7R,,0402	C113	POWER SUPPLY		1	1	1	1
P210347BFKAAAD	CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0402	C114	POWER SUPPLY		DEP	DEP	DEP	DEP
P210467BFKAFAB	CAP-CERM,100,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805		POWER SUPPLY		1	1	1	1
P410162CFCC004	CAP-ALUM,100uF,20%,35V,,105.0C,SMD	C118	POWER SUPPLY		1	1	1	1
P210627BFKFABB	CAP-CERM,10,000uF,10,0000%,16,000V,X7S,,0805	C124	POWER SUPPLY		_		DEP	DEP
P210467BFKAFAB	CAP-CERM,100,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805		POWER SUPPLY		1	1	1	1
P222166BFJAFAB	CAP-CERM,220,000PF,5,0000%,100,000V,C0G,Poly Term,0805	C151	POWER SUPPLY		1	1	1	1
P210367BFKAFAB	CAP-CERM,10,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805	C200	IN PUT	1	1	1	1	1
P210247BFKAAAD	CAP-CERM,1,000NF,10,0000%,50,000V,X7R,.0402	C201	IN PUT	1	1	1	1	1
P210467BFKAFAB			DIGITAL IN	1	1	DEP	1	DEP
P210367BFKAFAB	CAP-CERM,10,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805	C206	DIGITAL IN	1	1	DEP	1	DEP
P210247BFKAAAD	CAP-CERM,1,000NF,10,0000%,50,000V,X7R,,0402	C208	IN PUT	1	1	1	1	1
P210247BFKAAAD	CAP-CERM,1,000NF,10,0000%,50,000V,X7R,,0402	C211	POWER SUPPLY		1	1	1	1
P247247BFKAAAD	CAP-CERM,4,700NF,10,0000%,50,000V,X7R,,0402	C217	DIGITAL IN	1	1	DEP	1	DEP
P210268BFJA003	CAP-CERM,1,000NF,20,0000%,100,000V,C0G,Spk Dis,0805	C250	DIGITAL IN	1	1	DEP	1	DEP
P210268BFJA003	CAP-CERM,1,000NF,20,0000%,100,000V,C0G,Spk Dis,0805	C251	DIGITAL IN	1	1	DEP	1	DEP
P210268BFJA003	CAP-CERM,1,000NF,20,0000%,100,000V,C0G,Spk Dis,0805	C252	DIGITAL IN	1	1	DEP	1	DEP
P210247BFKAAAD	CAP-CERM,1,000NF,10,0000%,50,000V,X7R,,0402	C257	DIGITAL IN	1		DEP	-	DEP
P222367BFKAAAA	CAP-CERM,22NF,10%,100V,X7R,,0603	C261	DIGITAL IN	1	1	DEP	1	DEP
P210446BFKAABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C262	DIGITAL IN	1	1	DEP	1	DEP
P210446BFKAABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C263	DIGITAL IN	1	1	DEP	1	DEP
P210446BFKAABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C264	DIGITAL IN	1	1	DEP	1	DEP
P210040BFJAAAD	CAP-CERM,10,000PF,5,0000%,50,000V,C0G,,0402	C272	DIGITAL IN	1	1	DEP	1	DEP
P210268BFJA003	CAP-CERM,1,000NF,20,0000%,100,000V,C0G,Spk Dis,0805	C300	DIGITAL IN	1	DEP		DEP	1
P210347BFKAFAA	CAP-CERM,10,000NF,10,0000%,50,000V,X7R-FLEX,Poly Term,0603	C310	IN PUT			_		DEP
P210347BFKAFAA	CAP-CERM,10,000NF,10,0000%,50,000V,X7R-FLEX,Poly Term,0603	C311	IN_PUT	1				DEP
P210347BFKAAAD	CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0402	C313	DIGITAL IN	1	DEP.	1	DEP	1
P210268BFJA003	CAP-CERM,1,000NF,20,0000%,100,000V,C0G,Spk Dis,0805	C314	COMMUN	1	1	1	1	1
P222166BFJAFAB	CAP-CERM,220,000PF,5,0000%,100,000V,C0G,Poly Term,0805	C315	COMMUN	1	1	1	1	1
P222146BFJAAAD	CAP-CERM,220,000PF,5,0000%,50,000V,C0G,,0402	C400	COMMUN	1	DEP			-
P210467BFKAFAB			IN PUT	1	1	1	1	1
P210347BFKAAAD	CAP-CERM.10.000NF.10.0000%.50.000V.X7R0402	C500	MICRO	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0402	C501	MICRO	1	1	1	1	1
P222146BFJAAAD	CAP-CERM,220,000PF,5,0000%,50,000V,C0G,.0402	C502	MICRO	1	1	1	1	1
P210446BFKAABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C503	MICRO	1	1	1	1	1
P210446BFKAABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C504	MICRO	1	1	1	1	1
P210446BFKAABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C505	MICRO	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0402	C506	MICRO	1	1	1	1	1
P29094BBFJAAAD	CAP-CERM,9PF,0.56%,50V,COG,,0402	C507	MICRO	1	1	1	1	1
P28094ABFJAAAD	CAP-CERM,8,000PF,1,2500%,50,000V,COG,,0402	C508	MICRO	1	1	1	1	1
P210537BFKAAAA	CAP-CERM,1,000uF,10,0000%,25,000V,X7R,,0603	C509	MICRO	1	1	1	1	1
P210446BFKAABA	CAP-CERM,100,000NF,5,0000%,50,000V,X7R,,0603	C510	MICRO	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0003	C511	MICRO	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0402	C512	MICRO	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0402	C513	MICRO	1	1	1	1	1
P247066BFJA001	CAP-CERM,47,000FF,5,0000%,100,000V,C0G,,0603	C514	MICRO	1				
P247066BFJA001	CAP-CERM,47,000F1,5,0000%,100,000V,C0G,,0003	C515	MICRO	1				
P210347BFKAAAD	CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0402	C516	MICRO	1	1	1	1	1
P210347BFKAAAD	CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0402	C517	MICRO	1	1	1	1	1
P210268BFJA003	CAP-CERM,1,0,000NF,10,0000 %,30,000 V,X7N,,0402	C517	COMMUN	1	1	1	1	1
1 2 10200DI 0A003	10/11 SET1181, 1,000181, 20,0000 /0, 100,000 V,000,3PK DIS,0000	55 10	CONNIVION				- 1	

PartNumber   Description   Description   Symbol   Circuit   Level CA   DA   CA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
P222146BFJAAAD	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
P210347BFKAAAD CAP-CERM,10,000NF,10,0000%,50,000V,X7R,0402 C600 TELLTALES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
P210347BFKAAAD	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
P210367BFKAFAB	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
P210367BFKAFAB	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
P210347BFKAAAD CAP-CERM,10,000NF,10,0000%,50,000V,X7R,0402 C605 TELLTALES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
P210347BFKAAAD	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
P210367BFKAFAB         CAP-CERM,10,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805         C606         TELLTALES         1 </td <td>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
P210347BFKAAAD	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
P210367BFKAFAB         CAP-CERM,10,000NF,10,0000%,100,000V,X7R-FLEX,Poly Term,0805         C608         TELLTALES         1 </td <td>1 DEP DEP 1 DEP 1 DEP P 1</td>	1 DEP DEP 1 DEP 1 DEP P 1
P210347BFKAAAD	P DEP P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 DEP P 1
P247247BFKAAAD         CAP-CERM,4,700NF,10,0000%,50,000V,X7R,,0402         C610         TELLTALES         1         DEP	P 1 1 1 1 1 1 1 1 1 1 P DEP 1 DEP P 1 1
P247247BFKAAAD         CAP-CERM,4,700NF,10,0000%,50,000V,X7R,,0402         C616         TELLTALES         1         DEP         1         DE           P210347BFKAAAD         CAP-CERM,10,000NF,10,0000%,50,000V,X7R,,0402         C700         ILLUM         1	P 1 1 1 1 1 1 1 1 1 1 P DEP 1 DEP P 1 1
P210347BFKAAAD         CAP-CERM,10,000NF,10,0000%,50,000V,X7R,0402         C700         ILLUM         1 <td>1 1 1 1 1 1 1 P DEP 1 DEP P 1</td>	1 1 1 1 1 1 1 P DEP 1 DEP P 1
P210347BFKAAAD         CAP-CERM,10,000NF,10,0000%,50,000V,X7R,0402         C701         ILLUM         1 <td>1 1 1 1 1 1 1 P DEP 1 DEP</td>	1 1 1 1 1 1 1 P DEP 1 DEP
P210347BFKAAAD         CAP-CERM,10,000NF,10,0000%,50,000V,X7R,0402         C702         ILLUM         1 <td>1 1 1 1 1 1 1 P DEP 1 DEP</td>	1 1 1 1 1 1 1 P DEP 1 DEP
P210347BFKAAAD         CAP-CERM,10,000NF,10,0000%,50,000V,X7R,0402         C703         ILLUM         1 <td>1 1 1 1 1 1 P DEP 1 DEP</td>	1 1 1 1 1 1 P DEP 1 DEP
P210467BFKAFAB         CAP-CERM,100,000NF,10,0000%,100,000V,X7R-FLEX,Poly Tem,0805         C704         ILLUM         1	1 1 1 1 1 P DEP 1 DEP
P542004DFAAX00         DIOD-RECT,400,000V,1,000A,1,800us,SMA         D100         POWER_SUPPLY         1 </td <td>1 1 1 P DEP 1 DEP</td>	1 1 1 P DEP 1 DEP
P542004DFAAX00         DIOD-RECT,400,000V,1,000A,1,800us,SMA         D101         POWER SUPPLY         1 </td <td>1 1 P DEP 1 DEP P 1</td>	1 1 P DEP 1 DEP P 1
P542004DFAAX00         DIOD-RECT,400,000V,1,000A,1,800us,SMA         D102         POWER_SUPPLY         1         1         1           P542004DFAAX00         DIOD-RECT,400,000V,1,000A,1,800us,SMA         D103         POWER_SUPPLY         1         DEP_DEP_DEP_DEP_DEP_DEP_DEP_DEP_DEP_DEP_	1 P DEP 1 DEP P 1
P542004DFAAX00         DIOD-RECT,400,000V,1,000A,1,800us,SMA         D103         POWER SUPPLY         1         DEP	P DEP 1 DEP P 1
P542004DFAAX00         DIOD-RECT,400,000V,1,000A,1,800us,SMA         D104         POWER_SUPPLY         1         DEP         1	1 DEP P 1
P521002BFALX00         DIOD-TVS,27,000V,SOT-23         D209         DIGITAL IN         1         1         DEP         1           P522018BFAAX00         DIOD-RECT,200,000V,250,000mA,50,000ns,SOD323         D300         DIGITAL_IN         1         DEP         1         DE           P542004DFAAX00         DIOD-RECT,400,000V,1,000A,1,800us,SMA         D600         TELLTALES         1	DEP P 1
P522018BFAAX00         DIOD-RECT,200,000V,250,000mA,50,000ns,SOD323         D300         DIGITAL_IN         1         DEP         1         DE           P542004DFAAX00         DIOD-RECT,400,000V,1,000A,1,800us,SMA         D600         TELLTALES         1	P 1
P542004DFAAX00         DIOD-RECT,400,000V,1,000A,1,800us,SMA         D600         TELLTALES         1	-
P542004DFAAX00         DIOD-RECT,400,000V,1,000A,1,800us,SMA         D601         TELLTALES         1	
P542004DFAAX00 DIOD-RECT,400,000V,1,000A,1,800us,SMA D602 TELLTALES 1 1 1 1	
	_
1 042004bi AAX00   DIOD-1.E01,400,000 V, 1,000 d3,010iA	
P542004DFAAX00 DIOD-RECT,400,000V,1,000A,1,800us,SMA D613 TELLTALES 1 1 1 1 1	-
P542004DFAAX00 DIOD-RECT,400,000V,1,000A,1,800us,SMA D900 TELLTALES 1 DEP 1 DE	
P521007BFAEX00 DIOD-ZENER.27,00V,5,SOT-23 DZ300 COMMUN 1 DEP DEP DE	_
P540004BFAEX00 DIOD-ZENER,4.7,5,SOD123 DZ800 TELLTALES 1 DEP 1 DE	
P100009BFDZCAC RES-TF,0,0000R,,,155ppm/C,155,000C,0402 FB100 POWER SUPPLY 1 1 1 1	
P100009BFDZCAC RES-TF,0,0000R,,,155ppm/C,155,000C,0402 FB101 POWER SUPPLY 1 1 1 1 1	_
PCA00389-AB CONN-,I/O - Thru Hole Headers,16, Vertical, Thru hole J1 CONN 1 1 1 1 1	
PCF00099-CA CONN-,C/M - Device Sockets,18, Vertical, Surface Mount J800 MICRO 1 1 1 1 1	
PCF00099-CA CONN-,C/M - Device Sockets,18, Vertical, Surface Mount J801 MICRO 1 1 1 1	-
1S7F-18B921-VA CONN-,P/T - Pin Headers,6,Vertical,Surface Mount J999 MICRO 1 1 1 1 1	
PE18001CFA3100 DIOD-LED,YELLOW,(S1,S2,T1),(3,4,5),P-LCC-2 LED603 TELLTALES 1 1 1 1	
PE18001CFA3100 DIOD-LED,YELLOW,(S1,S2,T1),(3,4,5),P-LCC-2 LED604 TELLTALES 1 1 1 1	
PE71017BFA3200 DIOD-LED,BLUE,(),(),SMD LED605 TELLTALES 1 1 1 1 1	+ -
PE12037BFA31AA DIOD-LED,RED,P-LCC-2 LED606 TELLTALES 1 1 1 1	
PE12037BFA31AA DIOD-LED,RED,P-LCC-2 LED607 TELLTALES 1 1 1 1	
PE13002BFA3200 DIOD-LED,GREEN,SMD LED609 TELLTALES 1 1 1 1	
PE13002BFA3200 DIOD-LED,GREEN,SMD LED610 TELLTALES 1 1 1 1	
PE13002BFA3200 DIOD-LED,GREEN,SMD LED611 TELLTALES 1 1 1 1	
PE18001CFA3100 DIOD-LED,YELLOW,(S1,S2,T1),(3,4,5),P-LCC-2 LED614 TELLTALES 1 DEP 1 DE	
PE23001BFA34AA DIOD-LED,WHITE,(W2, X1, X2),(A0),P-LCC-2 LED700 ILLUM 1 1 1 1	
PE23001BFA34AA DIOD-LED,WHITE,(W2, X1, X2),(A0),P-LCC-2 LED701 ILLUM 1 1 1 1	+ -
PE23001BFA34AA DIOD-LED,WHITE,(W2, X1, X2),(A0),P-LCC-2 LED702 ILLUM 1 1 1 1 1	-
PE23001BFA34AA DIOD-LED,WHITE,(W2, X1, X2),(A0),P-LCC-2 LED703 ILLUM 1 1 1 1 1	
PV000020FDK000 RES-VAR,50,0J,16,000V,43,0V,125,000C,14MM DISK MOV201 POWER SUPPLY 1 1 1 1 1	
P611006BFBAX00 XSTR-BP,N-Channel,80,000V,500,000mA,SOT-23 Q100 POWER SUPPLY 1 1 1 1	
P611006BFBAX00 XSTR-BP,N-Channel,80,000V,500,000mA,SOT-23 Q1000 TELLTALES 1 DEP 1 DE	
P660303BFAAX00 XSTR-BRES,NPN,50V,100mA,SOT-23 Q101 POWER SUPPLY 1 1 1 1	
P611002BFBBX00 XSTR-BP,P,80,000V,500,000mA,SOT-23 Q102 POWER SUPPLY 1 1 1 1 1	-
P671007BFBLX00 XSTR-BP,comple,65,000V,100,000mA,SOT363 Q218 DIGITAL IN 1 1 DEP 1	
P611002BFCBAHA XSTR-BP,RNP,-80,000V,-1,000A,SOT-89 Q219 DIGITAL_IN 1 1 DEP 1	
P670009BFAAX00 XSTR-BP,N-Channel,45,000V,100,000mA,SOT363 Q220 DIGITAL_IN 1 1 DEP 1	-
P611002BFBBX00 XSTR-BP,N-Channel,45,000V,100,000mA,SOT-23 Q224 DIGITAL_IN 1 1 DEP 1	
P611002BFBBX00 XSTR-BP,P,80,000V,500,000mA,SOT-23 Q302 COMMUN 1 1 1 1 1	1

PartNumber         Description         Symbol         Circuit           P660303BFAAX00         XSTR-BRES,NPN,50V,100mA,SOT-23         Q600         TELLTAL           P611006BFBAX00         XSTR-BP,N-Channel,80,000V,500,000mA,SOT-23         Q601         TELLTAL           P660303BFAAX00         XSTR-BRES,NPN,50V,100mA,SOT-23         Q602         TELLTAL           P660303BFAAX00         XSTR-BRES,NPN,50V,100mA,SOT-23         Q603         TELLTAL           P110035BFDMCAD         RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R100         POWER           P112035BFJMAAE         RES-TF,1,2000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1001         TELLTAL           P110045BFDMCAD         RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R1003         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1004         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1004         TELLTAL           P147035BFDMCAD         RES-TF,4,7000k,5,0000%,250,000mW,200ppm/C,155,000C,0603         R1005         TELLTAL           P147035BFDMCAD         RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R1001         POWER	ES ES SUPPLY ES ES ES ES ES ES SUPPLY SUPPLY	1 1 1 1 1 1 1 1 1	1 1 DEP DEP DEP	1 1 1 1 1	CA-T  1  DEP  1  1  DEP  DEP	1 DEP 1 1
P611006BFBAX00         XSTR-BP,N-Channel,80,000V,500,000mA,SOT-23         Q601         TELLTAL           P660303BFAAX00         XSTR-BRES,NPN,50V,100mA,SOT-23         Q602         TELLTAL           P660303BFAAX00         XSTR-BRES,NPN,50V,100mA,SOT-23         Q603         TELLTAL           P110035BFDMCAD         RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R100         POWER           P112035BFJMAAE         RES-TF,1,2000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1001         TELLTAL           P110045BFDMCAD         RES-TF,1,2000k,5,0000%,250,000mW,200ppm/C,155,000C,0603         R1003         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1004         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1004         TELLTAL           P147035BFDMCAD         RES-TF,4,7000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1005         TELLTAL           P147035BFDMCAD         RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R101         POWER	ES ES SUPPLY ES ES ES ES ES ES SUPPLY SUPPLY	1 1 1 1 1 1 1 1 1	DEP 1 1 DEP DEP DEP DEP	DEP 1 1 1 1 1	DEP 1 1 1 DEP	DEP 1 1 1
P660303BFAAX00         XSTR-BRES,NPN,50V,100mA,SOT-23         Q602         TELLTAL           P660303BFAAX00         XSTR-BRES,NPN,50V,100mA,SOT-23         Q603         TELLTAL           P110035BFDMCAD         RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R100         POWER           P112035BFJMAAE         RES-TF,1,2000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1001         TELLTAL           P110045BFDMCAD         RES-TF,1,2000k,5,0000%,250,000mW,200ppm/C,155,000C,0603         R1002         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1004         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1004         TELLTAL           P147035BFDMCAD         RES-TF,4,7000k,5,0000%,250,000mW,200ppm/C,155,000C,0603         R1005         TELLTAL           P147035BFDMCAD         RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R1001         POWER	ES ES SUPPLY ES ES ES ES ES SUPPLY SUPPLY	1 1 1 1 1 1 1	1 1 DEP DEP DEP	1 1 1 1 1	1 1 1 DEP	1 1 1
P660303BFAAX00         XSTR-BRES,NPN,50V,100mA,SOT-23         Q603         TELLTAL           P110035BFDMCAD         RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R100         POWER           P112035BFJMAAE         RES-TF,1,2000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1001         TELLTAL           P112035BFJMAAE         RES-TF,1,2000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1002         TELLTAL           P110045BFDMCAD         RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R1003         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1004         TELLTAL           P147035BFDMCAD         RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R1005         TELLTAL           P147035BFDMCAD         RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R101         POWER	ES SUPPLY ES ES ES ES SUPPLY SUPPLY	1 1 1 1 1 1	1 DEP DEP DEP	1 1 1 1	1 1 DEP	1
P110035BFDMCAD         RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R100         POWER           P112035BFJMAAE         RES-TF,1,2000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1001         TELLTAL           P112035BFJMAAE         RES-TF,1,2000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1002         TELLTAL           P110045BFDMCAD         RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R1003         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1004         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1005         TELLTAL           P147035BFDMCAD         RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R101         POWER	SUPPLY ES ES ES ES ES SUPPLY SUPPLY	1 1 1 1 1	1 DEP DEP DEP	1 1 1	1 DEP	1
P112035BFJMAAE         RES-TF,1,2000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1001         TELLTAL           P112035BFJMAAE         RES-TF,1,2000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1002         TELLTAL           P110045BFDMCAD         RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R1003         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1004         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1005         TELLTAL           P147035BFDMCAD         RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R101         POWER	ES ES ES ES SUPPLY SUPPLY	1 1 1	DEP DEP	1		
P112035BFJMAAE         RES-TF,1,2000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1002         TELLTAL           P110045BFDMCAD         RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R1003         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1004         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1005         TELLTAL           P147035BFDMCAD         RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R101         POWER	ES ES ES SUPPLY SUPPLY	1 1 1	DEP DEP	1		l 1 I
P110045BFDMCAD         RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R1003         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1004         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1005         TELLTAL           P147035BFDMCAD         RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R101         POWER	ES ES ES SUPPLY SUPPLY SUPPLY	1 1 1	DEP DEP	1		1
P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1004         TELLTAL           P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1005         TELLTAL           P147035BFDMCAD         RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R101         POWER	ES ES SUPPLY SUPPLY SUPPLY	1	DEP		DEP	1
P130035BFFMAAE         RES-TF,3,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R1005         TELLTAL           P147035BFDMCAD         RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603         R101         POWER	ES SUPPLY SUPPLY SUPPLY	1		1	DEP	1
P147035BFDMCAD RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603 R101 POWER	SUPPLY SUPPLY SUPPLY		DEP	1	DEP	1
	SUPPLY SUPPLY		1	1	1	1
P147035BFDMCAD   RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603   R102   POWER	SUPPLY	1	1	1	1	1
		1	1	1	1	1
P151043CFDNCAD RES-TF,51,0000k,1,0000%,100,000mW,100ppm/C,155,000C,0603 R104 POWER	SUPPLY	1	1	1	1	1
	SUPPLY	1	1	1	1	1
P110045BFDMCAD RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603 R106 POWER_		1	1	1	1	1
P100009BFEZAAC RES-TF,0,0000R155,000C,0805 R107 POWER		1	1	1	1	1
P100009BFFZAAE RES-TF,,,,,155,000C,1206 R109 MICRO	001121	1	1	1	1	1
P100009BFFZAAE RES-TF,,,,,155,000C,1206 R110 MICRO		1	1	1	1	1
P100009BFFZAAE RES-TF,,,,,155,000C,1206 R111 MICRO		1	1	1	1	1
P100009BFFZAAE RES-TF,,,,,155,000C,1206 R112 MICRO		1	1	1	1	1
P100009BFFZAAE RES-TF,,,,,155,000C,1206 R113 MICRO		1	1	1	1	1
P100009BFFZAAE RES-TF,,,,,155,000C,1206 R114 MICRO		1	1	1	1	1
P100009BFFZAAE RES-TF,,,,,155,000C,1206 R115 MICRO		1	1	1	1	1
P100009BFFZAAE RES-TF,,,,,155,000C,1206 R116 MICRO		1	1	1	1	1
P168045BFEMAAC RES-TF,68,0000k,5,0000%,125,000mW,200ppm/C,155,000C,0805 R200 IN_PUT		1	1	1	1	1
P168045BFEMAAC	SI IDDI V	1	1	1	1	1
P120047BFFNAAC RES-TF,20,0000k,0,5000%,125,000mW,100ppm/C,125,000C,0805 R204 IN PUT	3011 L1	1	1	1	1	1
P130147BFETAAC RES-TF,30,1000k,0,5000%,125,000mW,50ppm/C,125,000C,0805 R205 IN PUT		1	1	1	1	1
P100009BFDZCAD RES-TF,0,0000R,,,,155,000C,0603 R206 DIGITAL	INI	1	1	DEP	1	DEP
P130147BFETAAC RES-TF,30,1000k,0,5000%,125,000mW,50ppm/C,125,000C,0805 R208 POWER		1	1	1	1	1
P115033BFJNAAE RES-TF,1,5000k,1,0000%,250,000mW,100ppm/C,155,000C,1206 R209 IN_PUT	SUFFLI	1	1	1	1	1
P115033BFJNAAE RES-TF,1,5000k,1,0000%,250,000mW,100ppm/C,155,000C,1206 R210 IN PUT		1	1	1	1	1
P115033BFJNAAE RES-TF,1,5000k,1,0000%,250,000mW,100ppm/C,155,000C,1206 R211 IN PUT		1	1	1	1	1
P115033BFJNAAE RES-TF,1,5000k,1,0000%,250,000mW,100ppm/C,155,000C,1206 R212 IN PUT		1	1	1	1	1
P115033BFJNAAE RES-TF,1,5000k,1,0000%,250,000mW,100ppm/C,155,000C,1206 R213 IN PUT		1	1	1	1	1
P115033BFJNAAE RES-TF,1,5000k,1,0000%,250,000mW,100ppm/C,155,000C,1206 R214 IN_PUT		1	1	1	1	1
P115033BFJNAAE RES-1F,1,5000k,1,0000%,250,000mW,100ppm/C,155,000C,1206 R214 IN PUT		1	1	1	1	1
		1	1	1	1	1
P110047BFETAAC RES-TF,10,0000k,0,5000%,125,000mW,50ppm/C,125,000C,0805 R217 IN_PUT		1	1	1	1	1
P115033BFJNAAE RES-TF,1,5000k,1,0000%,250,000mW,100ppm/C,155,000C,1206 R218 IN PUT		1	1	1	11	
P115033BFJNAAE RES-TF,1,5000k,1,0000%,250,000mW,100ppm/C,155,000C,1206 R219 IN_PUT	CLIDDLY	1	1	1	11	1
P110047BFETAAC RES-TF,10,0000k,0,5000%,125,000mW,50ppm/C,125,000C,0805 R220 POWER	SUPPLY	1	1	1	11	1
P168045BFEMAAC RES-TF,68,0000k,5,0000%,125,000mW,200ppm/C,155,000C,0805 R226 IN_PUT	18.1	1	1	1	1	1
P110035BFDMCAD RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603 R229 DIGITAL		1	1	DEP	11	DEP
P110035BFDMCAD RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603 R230 DIGITAL		1	1	DEP	11	DEP
P110035BFDMCAD RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603 R231 DIGITAL		11	1	DEP	11	DEP
P110015BFEMAAC RES-TF,10,0000R,5,0000%,125,000mW,200ppm/C,155,000C,0805 R247 DIGITAL		1	1	DEP	11	DEP
P122035BFEMAAC RES-TF,2,2000k,5,0000%,125,000mW,200ppm/C,155,000C,0805 R248 DIGITAL		1	1	DEP	1	DEP
P124025BFDMCAD RES-TF,240R,5%,100.0mW,200.0,155.0C,0603 R249 DIGITAL		1	1	DEP	11	DEP
P114033BFDNCAD RES-TF,1,4000k,1,0000%,100,000mW,100ppm/C,155,000C,0603 R250 DIGITAL		1	1	DEP	11	DEP
P120033BFDNCAD RES-TF,2,0000k,1,0000%,100,000mW,100ppm/C,155,000C,0603 R251 DIGITAL		1	1	DEP	1	DEP
P110023BFENAAC RES-TF,100,0000R,1,0000%,125,000mW,100ppm/C,155,000C,0805 R252 DIGITAL		1	1	DEP	1	DEP
P110053BFDNCAD RES-TF,100,0000k,1,0000%,100,000mW,100ppm/C,155,000C,0603 R253 DIGITAL		1	1	DEP	1	DEP
P168033BFDNCAD RES-TF,6,8000k,1,0000%,100,000mW,100ppm/C,155,000C,0603 R254 DIGITAL		1	1	DEP	1	DEP
P139043BFDNCAD RES-TF,39,0000k,1,0000%,100,000mW,100ppm/C,155,000C,0603 R255 DIGITAL		1	1	DEP	11	DEP
P115035BFDMCAD RES-TF,1,5000k,5,0000%,100,000mW,200ppm/C,155,000C,0603 R256 DIGITAL		1	1	DEP	11	DEP
P120035BFDMCAD RES-TF,2,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603 R257 DIGITAL		1	1	DEP	1	DEP
P115013BFFNAAE RES-TF,15,0000R,1,0000%,250,000mW,100ppm/C,155,000C,1206 R265 DIGITAL		1	1	DEP	1	DEP
P110045BFDMCAD RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603 R278 DIGITAL		1	1	DEP	1	DEP
P100009BFDZCAD RES-TF,0,0000R,,,,155,000C,0603 R279 DIGITAL		1	DEP		DEP	1
P168035BFEMAAC RES-TF,6,8000k,5,0000%,125,000mW,200ppm/C,155,000C,0805 R300 DIGITAL		1	DEP		DEP	1
P110035BFDMCAD RES-TF,1,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603 R301 COMMUN		1	1	1	1	1
P147035BFDMCAD RES-TF,4,7000k,5,0000%,100,000mW,200ppm/C,155,000C,0603 R302 DIGITAL		1	DEP	1	DEP	1
P168035BFDMCAD   RES-TF,6,8000k,5,0000%,100,000mW,200ppm/C,155,000C,0603   R305   COMMUN	I	1	1	1	1	1

PRINCIPATION   PRIN	PartNumber	Description	Symbol	Circuit	Level	CA	DA	$C\Lambda_{-}T$	DA-T
P10908FFMAAC		<del>`</del>			1				
Part			1		•		-		
Part 0358 PEMACAD   RES   T.F., 2000 S. 2000 S. 100 Comm. 2000 pmm* (15.500 Co.0803   310 Comm. N.   1 DEP   1 DEP   1 DEP 1 DEP 1 DES   P. 100 Comm. 2000 pmm* (15.500 Co.0805   311 Comm. N.   1				_	<del></del>				
P1279398FDMCAD					<b>+</b> -				
P1510338FEMANAC   RSS-TF, 510008, 50000W, 125,0000FM, 2009pm/C155,000C, 8085   R312   COMMUN   1   1   1   1   1   1   1   1   1			1	_	-	1			
P1510338FEMAAC   RES-TF, 51000L, 50000W, 250,000PM, 2010PM,						1			-
P1510338FUANAB		•	1						-
PI-15033BF/NAMAE   RES-TF, 15000K1, 10000%, 250.000mM, 100ppm/C155,000C, 1206   R314   CCMMUN					<del></del>				
P150338FJMAAE RES-TF, 1500014, 10000%, 250,000mM, 100pcm*C, 155,000C, 1206 R318 COMMUN 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					-				-
P1150338FJMAAE									
P1160338F-MAAE					-				
P1150338FJMAAE			1			•			
P1160338F-JMAAE			1		<b>†</b>				-
PI150338FDMACAD   RESTE, 1,5000K, 100,000MW, 200ppmC, 155,000C,0603   R324   N PUT									
PI47035BFDMADN   RES-TF, 47000K, 50000%, 100,0000mW, 2000pmmC, 155,000C, 6603   R323   N PUT   1   1   1   1   1   1   1   1   1					-				
Pi47038FPDMAD  RES-TF-4,7000K,0.000%,100,000mW.200ppmVC,155,000C,0603 R324   N PUT					<del></del>	•	_		
Pi240338FDNACD					-				-
PI300338FDNCAD			1				_		
PIO0009BFDZCAD   RES-TF, 0,0000R_,155,000C,0003				_	<b>†</b>				
PLO00099FEZAAC   RES-TF. 0.0000K., 155.000C, 0805   R450   COMMUN   1   1   1   1   1   1   1   1   1									
PI470358FDMCAD   RES-TF.4.7000K.5.0000%.100.00mW.200ppm/C.155.000C.0603   R800   MICRO   1   1   1   1   1   1   1   1   1		, , , , , , , , , , , , , , , , , , , ,	1		-				-
P1470358FDMCAD RES-TF, 4,7000K, 5,0009%, 100,000mW, 200ppmC, 155,000C,0603 RS91 MICRO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		i ''''''''''''''''''''''''''''''''''''	1		<del></del>	<u> </u>			$\vdash$
P1470358FDMCAD RES-TF, 1,0000K, 5,0000%, 100,000mW, 200ppmC, 155,000C,0603 R502 MICRO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					<b>†</b>				-
P1100358FDMCAD   RES-TF 1,0000K,5,0000%,100,000mW,200ppmC,155,000C,0803   R504 MICRO   1   1   1   1   1   1   1   1   1		i	1						
P100009BFDZCAD   RES-TF 0,0000R,_155,000C,0603   RES-TF 2,0000RM,_155,000K,_125,000C,0805   R533   COMMUN   1			1						
P130147BFETAAC   RES-TF 30,1000k 0,5000%,126,000mW,200ppmVC,125,000C,0805   R533   COMMUN   1									
P120047BFFNAAC					-				
P110035BFDMCAD   RES.TF.1,0000k.5,0000%			1		<del></del>	<u> </u>			
P112033BFJMAAE					-				
P112035BFJMAAE									-
P118035BFJMAAE   RES-TF,1,8000k,5,0000%,250,000mW,200ppmC,155,000C,1206   R602   TELLTALES   1					<b>†</b>				
P118035BFJMAAE   RES-TF,1,8000k,5,0000%,250,000mW,200ppm/C,155,000C,1206   R603   TELLTALES   1			1						
P1180358FJMAAE					<b>†</b>				
P118035BFJMAAE			1						
P130035BFFMAAE			1		-				
P110045BFDMCAD RES-TF,10,0000k,5,0000%,100,000mW,200ppm/C,155,000C,0603 R607 TELLTALES 1 DEP DEP DEP DEP P175025BFDMCAD RES-TF,750,0000R,5,0000%,100,000mW,200ppm/C,155,000C,0603 R608 TELLTALES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		i	1		<b>+</b> -				
P175025BFDMCAD					-				
P175025BFDMCAD RES-TF,750,0000R,5,0000%,100,000mW,200ppm/C,155,000C,0603 R609 TELLTALES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		i				DEP	DEP	DEP	DEP
P115033BFJNAAE   RES-TF,1,5000k,1,0000%,250,000mW,100ppm/C,155,000C,1206   R610   TELLTALES   1						1			1
P115033BFJNAAE   RES-TF,1,5000k,1,0000%,250,000mW,200ppm/C,155,000C,1206   R611   TELLTALES   1					1	1	1	1	1
P116035BFFMAAE									
P116035BFFMAAE						1	1	1	1
P115033BFJNAAE	P116035BFFMAAE		R612		1	1	1	1	1
P115033BFJNAAE   RES-TF,1,5000k,1,0000%,250,000mW,100ppm/C,155,000C,1206   R615   TELLTALES   1	P116035BFFMAAE		R613		1	1	1	1	1
P118035BFJMAAE	P115033BFJNAAE		1	TELLTALES	1	1	1	1	1
P118035BFJMAAE					1	1	1	1	1
P112035BFJMAAE   RES-TF,1,2000k,5,0000%,250,000mW,200ppm/C,155,000C,1206   R618   TELLTALES   1	P118035BFJMAAE		R616	TELLTALES	1	1	1	1	1
P112035BFJMAAE					1	1	1	1	1
P175025BFDMCAD         RES-TF,750,0000R,5,0000%,100,000mW,200ppm/C,155,000C,0603         R620         TELLTALES         1 <td></td> <td></td> <td></td> <td>TELLTALES</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td>				TELLTALES	1	1	1	1	1
P175025BFDMCAD         RES-TF,750,0000R,5,0000%,100,000mW,200ppm/C,155,000C,0603         R621         TELLTALES         1 <td>P112035BFJMAAE</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td>1</td>	P112035BFJMAAE					1	1	1	1
P175025BFDMCAD         RES-TF,750,0000R,5,0000%,100,000mW,200ppm/C,155,000C,0603         R622         TELLTALES         1 <td>P175025BFDMCAD</td> <td></td> <td>R620</td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td>	P175025BFDMCAD		R620		1	1	1	1	1
P100009BFEZAAC         RES-TF,0,0000R,,155,000C,0805         R623         TELLTALES         1	P175025BFDMCAD	RES-TF,750,0000R,5,0000%,100,000mW,200ppm/C,155,000C,0603	R621	TELLTALES	1	1	1	1	1
P139035BFFMAAE         RES-TF,3,9000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R624         TELLTALES         1         DEP         DE	P175025BFDMCAD	RES-TF,750,0000R,5,0000%,100,000mW,200ppm/C,155,000C,0603		TELLTALES	1	1	1	1	1
P121033BFFNAAE         RES-TF,2,1000k,1,0000%,250,000mW,100ppm/C,,1206         R627         TELLTALES         1					1	1		1	1
P121033BFFNAAE         RES-TF,2,1000k,1,0000%,250,000mW,100ppm/C,,1206         R631         TELLTALES         1	P139035BFFMAAE	i ·	R624	TELLTALES	1	DEP	DEP	DEP	DEP
P121033BFFNAAE         RES-TF,2,1000k,1,0000%,250,000mW,100ppm/C,,1206         R632         TELLTALES         1	P121033BFFNAAE	RES-TF,2,1000k,1,0000%,250,000mW,100ppm/C,,1206	R627	TELLTALES	1	1	1	1	1
P121033BFFNAAE         RES-TF,2,1000k,1,0000%,250,000mW,100ppm/C,,1206         R633         TELLTALES         1			1		1	1	1	1	1
P110063BFENCAD         RES-TF,1,0000M,1,0000%,100,000mW,100ppm/C,125,000C,0603         R647         MICRO         1         DEP         DEP         DEP         DEP           P110035BFJMAAE         RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R700         ILLUM         1 <td>P121033BFFNAAE</td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td>	P121033BFFNAAE				1	1	1	1	1
P110035BFJMAAE         RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R700         ILLUM         1	P121033BFFNAAE	RES-TF,2,1000k,1,0000%,250,000mW,100ppm/C,,1206	R633	TELLTALES	1	1			1
P110035BFJMAAE         RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R701         ILLUM         1	P110063BFENCAD	RES-TF,1,0000M,1,0000%,100,000mW,100ppm/C,125,000C,0603	R647	MICRO	1	DEP	DEP	DEP	DEP
P110035BFJMAAE         RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R702         ILLUM         1	P110035BFJMAAE	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206	R700	ILLUM	1	1	1	1	1
P110035BFJMAAE         RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206         R703         ILLUM         1	P110035BFJMAAE		R701	ILLUM	1	1	1	1	1
P110035BFJMAAE RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206 R704 ILLUM 1 1 1 1 1	P110035BFJMAAE	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206	R702	ILLUM	1	1	1	1	1
	P110035BFJMAAE	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206	R703	ILLUM	1	1	1	1	1
	P110035BFJMAAE		R704	ILLUM	1	1	1	1	1
	P110035BFJMAAE				1	1	1	1	1

PartNumber	Description	Symbol	Circuit	Level	CA	DA	CA-T	DA-T
P110035BFJMAAE	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206	R706	ILLUM	1	1	1	1	1
P110035BFJMAAE	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,155,000C,1206	R707	ILLUM	1	1	1	1	1
P175025BFDMCAD	RES-TF,750,0000R,5,0000%,100,000mW,200ppm/C,155,000C,0603	R708	ILLUM	1	1	1	1	1
P175025BFDMCAD	RES-TF,750,0000R,5,0000%,100,000mW,200ppm/C,155,000C,0603	R709	ILLUM	1	1	1	1	1
P175025BFDMCAD	RES-TF,750,0000R,5,0000%,100,000mW,200ppm/C,155,000C,0603	R710	ILLUM	1	1	1	1	1
P175025BFDMCAD	RES-TF,750,0000R,5,0000%,100,000mW,200ppm/C,155,000C,0603	R711	ILLUM	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP500	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP501	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP502	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP503	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP504	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP505	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP506	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP507	MICRO	1	1	1	1	1
P110035BFNMDAB	RES-TF,1,0000k,5,0000%,250,000mW,200ppm/C,125,000C,0804-ARRA	RP508	MICRO	1	1	1	1	1
VPEBQF-0857-BA	SWITCH TACT	SW300	IN_PUT	1	1	1	1	1
VPEBQF-0857-BA	SWITCH TACT	SW301	IN_PUT	1	1	1	1	1
P7605910FL0001	IC-REG,VR_ADJ,TDFN,8	U100	POWER_SUPPLY	1	1	1	1	1
P700034CFGBX00	IC-COMP,COMP,SOIC	U201	DIGITAL_IN	1	1	DEP	1	DEP
P7605910FL0001	IC-PROC,16bit-MCU,LQFP	U500	MICRO	1	1	1	1	1
P770056CFNC000	IC-MEM,EEPROM,TSSOP	U501	MICRO	1	1	1	1	1
PR35023BFG1000	RESON-XTAL,32,7680kHz,10,0000ppm,FU - Fundamental Mode,NX3215	Y500	MICRO	1	1	1	1	1
PR80047BFH1AEJ	RESON-CERM,8MHz,0.5%,FU - Fundamental Mode,CSTNE	Y501	MICRO	1	1	1	1	1