

## Bill Of Material

: Mass Production

**Revision Status** 

: PT. Xacti Indonesia (PXI) : PWBA Car Lighting **Part Name Plant Code** : PT. Astra Jouku Indonesia : 19 March 2022 Customer Date Model **Revision No** 

: 190/4MC/2022

Prepared by, Checked by, Approved by, Ali Zunan Bimo Prakoso M.S.S. Fauzy Electrical Engineer Dept. Head R&D Director

Line	evel				Dout		Qty															
Line		Part Number	BAAN Part Number	Description	Part	Level	AT44 F46D	AT12-	AT11-	AT12-	AT13-	- AT13-	AT14-	AT13-	AT14-	Unit	Spec	Packing	CN#	Maker	MPN	Change Descriptions
No. 0 1 2	3 4	5			Туре		AT11-E1CP	E1CP	E2CP	E2CP	E1CP	E2CP	E2CP	E3CP	ЕЗСР							
1 X		15-AT11E1CP		PCB ASSY	make	0	1										PWBA Control, Back Door Garnish, Mid Variant, Right Side		109.08.10			
2 X		15-AT12E1CP		PCB ASSY	make	0		1									PWBA Control, Back Door Garnish, Mid Variant, Left Side		109.08.10			
3 X		15-AT11E2CP		PCB ASSY	make	0			1								PWBA Led Board, Back Door Garnish, Mid Variant, Right Side		109.08.10			
4 X		15-AT12E2CP		PCB ASSY	make	0				1							PWBA Led Board, Back Door Garnish, Mid Variant, Left Side		109.08.10			
5 X		15-AT13E1CP		PCB ASSY	make	0					1						PWBA Control, Central Back Door Garnish, High Variant		109.08.10			
6 X		15-AT13E2CP		PCB ASSY	make	0						1					PWBA Led Board, Central Back Door Garnish, High Variant, Right Side		109.08.10			
7 X		15-AT14E2CP		PCB ASSY	make	0							1				PWBA Led Board, Central Back Door Garnish, High Variant, Left Side		109.08.10			
8 X		15-AT13E3CP		PCB ASSY	make	0								1			PWBA Led Board, Central Back Door Garnish, High Variant, Right Side		109.08.10			
9 X		15-AT14E3CP		PCB ASSY	make	0									1		PWBA Led Board, Central Back Door Garnish, High Variant, Left Side		109.08.10			
10 X		APMAAS-14B115-AC	CMMAAS14B115-AC00	PCB ASSY 1 RH15-AT11E1CP	buy	1	1										PWBA Control, Back Door Garnish, Mid Variant, Right Side, PXI EMS		190/4MC/2022			Outsource to PXI
11 X		APMAAS-14B115-BC	CMMAAS14B115-BC00	PCB ASSY 1 LH15-AT12E1CP	buy	1		1						<u> </u>			PWBA Control, Back Door Garnish, Mid Variant, Left Side, PXI EMS		190/4MC/2022			Outsource to PXI
12 X		APMAAS-14B115-CA	CMMAAS14B115-CA00	LED PCB ASSY 2 RH15-AT11E2CP	buy	1			1					1 1			PWBA Led Board, Back Door Garnish, Mid Variant, Right Side, PXI EMS		190/4MC/2022			Outsource to PXI
(13) X		APMAAS-14B115-DA	CMMAAS14B115-DA00	LED PCB ASSY 2 LH15-AT12E2CP	buy	1		1		1				1 1			PWBA Led Board, Back Door Garnish, Mid Variant, Left Side , PXI EMS		190/4MC/2022			Outsource to PXI
14 X		APMAAS-14B115-EC	CMMAAS14B115-EC00	PCB ASSY 115-AT13E1CP	buy	1					1						PWBA Control, Central Back Door Garnish, High Variant, PXI EMS		190/4MC/2022			Outsource to PXI
(15) X		APMAAS-14B115-FA	CMMAAS14B115-FA00	LED PCB ASSY 2 RH15-AT13E2CP	buy	1						1		1 1			PWBA Led Board, Central Back Door Garnish, High Variant, Right Side, PXI EMS		190/4MC/2022			Outsource to PXI
16 X		APMAAS-14B115-GA	CMMAAS14B115-GA00	LED PCB ASSY 3 LH15-AT14E2CP	buy	1							1				PWBA Led Board, Central Back Door Garnish, High Variant, Left Side, PXI EMS		190/4MC/2022			Outsource to PXI
17 X		APMAAS-14B115-HA	CMMAAS14B115-HA00	LED PCB ASSY 2 RH15-AT13E3CP	buy	1								1			PWBA Led Board, Central Back Door Garnish, High Variant, Right Side, PXI EMS		190/4MC/2022			Outsource to PXI
18 X		APMAAS-14B115-JA	CMMAAS14B115-JA00	LED PCB ASSY 3 LH15-AT14E3CP	buy	1									1		PWBA Led Board, Central Back Door Garnish, High Variant, Left Side, PXI EMS		190/4MC/2022			Outsource to PXI
19 X		APMAAS-14A608-AA	CMMAAS14A608-AA00	PWB Board 15-AT11E1CP-RH	buy	2	1										FR4, 58.7 x 39.5mm, 1.6t, Double Panel, White Painted Black Font, 1 Oz					
20 X		APMAAS-14A608-BA	CMMAAS14A608-BA00	PWB Board 15-AT12E1CP-LH	buy			1									FR4, 58.7 x 39.5mm, 1.6t, Double Panel, White Painted Black Font, 1 Oz					
21 X		APMAAS-14A608-CA	CMMAAS14A608-CA00	PWB Board 15-AT11E2CP-RH	buy	1			1								FR4, 24.7 x 20 mm, 1.6t, Double Panel, White Painted Black Font, 1.6t, 1 Oz					
22 X		APMAAS-14A608-DA	CMMAAS14A608-DA00	PWB Board 15-AT12E2CP-LH	buy					1							FR4, 24.7 x 20 mm, 1.6t, Double Panel, White Painted Black Font, 1.6t, 1 Oz					
23 X		APMAAS-14A608-EA	CMMAAS14A608-EA00	PWB Board 15-AT13E1CP	buy	_					1						FR4, 50 x 39 mm, 1.6t, Double PaneWhite, Painted Black Font, 1 Oz					
24 X		APMAAS-14A608-FA	CMMAAS14A608-FA00	PWB Board 15-AT13E2CP-RH	buy							1					FR4, 24.7 x 20.1 mm, 1.6t, Double Panel, White Painted Black Font, 1 Oz					
25 X		APMAAS-14A608-GA	CMMAAS14A608-GA00	PWB Board 15-AT14E2CP-LH	buy	2							1				FR4, 24.7 x 20.1 mm, 1.6t, Double Panel, White Painted Black Font, 1 Oz					
26 X		APMAAS-14A608-HA	CMMAAS14A608-HA00	PWB Board 15-AT13E3CP-RH	buy	2								1			FR4, 24.5 x 18.3mm, 1.6t, Double Panel, White Painted Black Font, 1 Oz					
27 X		APMAAS-14A608-JA	CMMAAS14A608-JA00	PWB Board 15-AT14E3CP-LH	buy	2		<u> </u>							1		FR4, 24.4 x 18.3mm, 1.6t, Double Panel, White Painted Black Font, 1 Oz					
28 X		AVI-0001297	CODIMKLBLBNK-0358	Label Blank (8x8)mm	buy	-	1.07	1.07	1.0286	1.0286	1.0556	6 1.0286	1.0286	1.0222 Ref	1.0222	pc(s)				Prolabel	8x8 mm	Qty Update
29 X		AVI-0001378	COIDMKRIBFAC-1743	Ribbon Face Out	buy		Ref													Kahar Duta Sarana	Ribbon Face Out	
30 X	.	AVI-0003157	CODICHSOLIND-1110	Solder Paste SAC 305 Indium 89 HFA	buy	1	0.001	0.001	0.001	0.001	0.001	1 0.001	0.001	0.001	0.001					Indium	89 HFA	
31 X		AP-DLEDWAAC	CEAPDLEDWAAC-0000	DIOD-LED, RED PLCC-6	buy	1	0	0	1	1	0	1	1 1	1	1		Brightness Bin : C/D ; Color BIN : A/B/C/D ; Vf BIN : A/B/C/D	Reel		Stanley	HFTV1108GS-10-P-TR	
32 X	.	AP-DRECOELA	CEAPDRECOELA-0000	DIOD-RECT, 1000V, 1A, SMA	buy		1	1	0	0	1	0	0	0	0	pc(s)		Reel		Panjit	GS1M-AU_R1_000A1	
33 X	.	AP-DTVSOAEB	CEAPDTVS0AEB-0000	DIOD-TVS, 24V, SMB	buy		1 1	1 1	0	0	1	0	0	0	0	pc(s)		Reel		Bounds	SMBJ24CA-Q	
34 X		AP-CN02MHSS	CEAPCN02MHSS-0000	CONN-I/O, ZIF, 2, Horizontal, SMD	buy		1 1	1	1	1	1 1	0	0	0	0	pc(s)		Reel		SinSheng	MSAK242151P2R	
35 X	.	AP-CN02MVSS	CEAPCN02MVSS-0000	CONN-I/O, ZIF, 2, Vertical, SMD	buy		0	0	0	0	0	1	1	1	1	pc(s)		Reel		SinSheng	MSAK242151P2	
36 X	.	AP-CN03MHSS	CEAPCN03MHSS-0000	CONN-I/O, ZIF, 3, Horizontal, SMD	buy		1 1	1	0	0	2	0	0	0	0	pc(s)		Reel		SinSheng	MSAK242151P3R	
3/ X		P210447BFKAAAA	CEP210447BFK-AAAA	CAP-CERM,100NF,10%,50V,X7R,,0603	buy		0	0	1	1	0	1	1	$\frac{1}{2}$	1	pc(s)		Reel		Walsin	MT18B104K500CT	
38 X	.	P210447BFKAAAB	CEP210447BFK-AAAB	CAP-CERM,100NF,10%,50V,,,0805	buy		1	1 1	U	0	1	0	0	0	Ü	pc(s)		Reel		Walsin	MT21B104K500CT	
39 X	.	AP-R3002DFA	CEAPR3002DFA-0000	RES-TF, 300R, 1W, 5%, 2512	buy		4	4	0	0	0	0	0	0	0	pc(s)		Reel		Yageo	AC2512JK-07300RL	
40   X		AP-R1202DFA	CEAPR1202DFA-0000	RES-TF, 120R, 1W, 5%, 2512	buy		0	0	0	0	4	0	0	0	U	pc(s)		Reel		Yageo	AC2512JK-07120RL	
			will refer to Change Number (CN Num				10	10	4	4	11	4	4	4	4							

Ref. Docs.

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

**Distribution List:** 

Engineering SMT	Engineering FA	QA	QC	Fin/ Acc	PPIC	MP&L	Purchasing	Production	Marketing

				Revision History
Date	Revision no.	CN	CDSID	Description of change
11-Jun-2020	0	109.06.09	BPRAKOSO	Initial Released
				Change Resistor for PWBA 15-AT13E1CP
				AP-R1502DFA (RES-TF, 150R, 1W, 5%, 2512) => AP-R6201DFA (RES-TF, 62R, 1W, 5%, 2512)
	1	109.08.10	BPRAKOSO	Change Resistor for PWBA APMAAS-14B115-AB and PWBA APMAAS-14B115-BB
25 Aug 2020				AP-R3002DFA (RES-TF, 300R, 1W, 5%, 2512)=> AP-R1502DFA (RES-TF, 150R, 1W, 5%, 2512)
25-Aug-2020				Change Description for Customer Part Name
				Change VPN capcitor for commonize Inhouse stock
				AP-C1003ECF (CAP-CERM, 100nF, 10%, 50V, 0603, X7R) => P210447BFKAAAA (CAP-CERM,100NF,10%,50V,X7R,,0603)
				AP-C1003EDF (CAP-CERM, 100nF, 10%, 50V, 0805, X7R) => P210447BFKAAAB (CAP-CERM,100NF,10%,50V,,,0805)
				Change Resistor for PWBA 15-AT13E1CP
0 San 2020	2	2020.0.4	BBBAKOSO	AP-R6201DFA (RES-TF, 62R, 1W, 5%, 2512) => AP-R1202DFA (RES-TF, 120R, 1W, 5%, 2512)
9-Sep-2020	2	2020.9.1	BPRAKOSO	Change Resistor for PWBA APMAAS-14B115-AB and PWBA APMAAS-14B115-BB
				AP-R1502DFA (RES-TF, 150R, 1W, 5%, 2512) => AP-R3002DFA (RES-TF, 300R, 1W, 5%, 2512)
2-Nov-20	2.1	2020.9.1	BPRAKOSO	Update quantity for Label from Ref to Actual Usage
				Change Plant Code from AVI to PXI
		190/4MC/2022	BPRAKOSO	Change PWBA P/N due to outsource to PXI
	3			SSMAAS14E115-AC0M => CMMAAS1BE115-AC00
				SSMAAS14E115-BC0M => CMMAAS14B115-BC00
				SSMAAS14E115-CA0M => CMMAAS14B115-CA00
19-Mar-22				SSMAAS14E115-DA0M => CMMAAS14B115-DA00
				SSMAAS14E115-EC0M => CMMAAS14B115-EC00
				SSMAAS14E115-FA0M => CMMAAS14B115-FA00
				SSMAAS14E115-GA0M => CMMAAS14B115-GA00
				SSMAAS14E115-HA0M => CMMAAS14B115-HA00
				SSMAAS14E115-JA0M => CMMAAS14B115-JA00