

ECN/PCN No.: R0122

For Manufacturer			
Product Description: OnBoard Antenna and it's evaluation board.	Abracon Part Number / Part Series: PRO-EB-609 (EVB for PRO-OB-607)	<input type="checkbox"/> Documentation only <input checked="" type="checkbox"/> ECN <input type="checkbox"/> EOL	<input type="checkbox"/> Series <input type="checkbox"/> Part Number
Affected Revision: PRO-EB-609: Rev. I.R. PRO-OB-607: Rev. A	New Revision: PRO-EB-609: Rev. A. PRO-OB-607: Rev. B	Application:	<input type="checkbox"/> Safety <input checked="" type="checkbox"/> Non-Safety
Prior to Change: Black PCB-color. Old matching circuit. C1 = 0.4 pF C2 = 0.6 pF C3 = 1.1 pF			
After Change: Blue PCB-color. New and improved matching circuit. C1 = 0.2 pF C2 = 0.4 pF C3 = Not mounted			
Change Plan			
Effective Date: 2023-01-26	Additional Remarks:		
Change Declaration: Improved tuning by changing the component values in the matching circuit, this change led to an increased performance (both RL and efficiency) of the antenna on its evaluation board. No change of antenna element or board shape has been made. The color of the PCB has been changed from black to Abracon blue.			
Issued Date: 2023-01-26	Issued By: William Selin	Issued Department: Engineering	
Approval: <i>Syed Raza</i> Engineering Director	Approval: <i>Reuben Quintanilla</i> Quality Director	Approval: <i>Ying Huang</i> Purchasing Director	
For Abracon EOL only			
Last Time Buy (if applicable):		Alternate Part Number / Part Series:	
Additional Approval:	Additional Approval:	Additional Approval:	
Customer Approval (If Applicable)			
Qualification Status: <input type="checkbox"/> Approved <input type="checkbox"/> Not accepted <i>Note: It is considered approved if there is no feedback from the customer 1 month after ECN/PCN is released.</i>			
Customer Part Number:		Customer Project:	
Company Name:	Company Representative:	Representative Signature:	
Customer Remarks:			