Engineering/Process Change Notice

ECN/PCN No.: 4725

For Manufacturer			
Product Description: CONTINUOUS VOLTAGE SMD CRYSTAL OSCILLATOR	**Abracon Part Number / Part Series:** ASCODV	☐ Documentation only ☒ ECN ☐ EOL	☒ Series ☐ Part Number
Affected Revision: IR	**New Revision:** A	**Application:**	☐ Safety ☒ Non-Safety

Prior to Change:

Frequency Range:
1.25 minimum
50 maximum

Supply Current:

Vdd	Supply Current maximum (mA)	Frequency
3.3V	2.0	1.25 MHz < F < 5.999 MHz
	2.0	6 MHz <F < 9.999 MHz
	3.0	10 < F < 19.999 MHz
2.5V	1.3	1.25 MHz < F < 5.999 MHz
	1.3	6 MHz <F < 9.999 MHz
	2.0	10 < F < 19.999 MHz
1.8V	1.0	1.25 MHz < F < 5.999 MHz
	1.0	6 MHz <F < 9.999 MHz
	1.6	10 < F < 19.999 MHz

After Change:

Frequency Range:
1.25 minimum
80 maximum

Supply Current:

Vdd	Supply Current maximum (mA)	Frequency
3.3V	2.5	1.25 MHz < F < 5.999 MHz
	2.5	6 MHz <F < 9.999 MHz
	3.5	10 < F < 19.999 MHz
2.5V	1.5	1.25 MHz < F < 5.999 MHz
	1.5	6 MHz <F < 9.999 MHz
	2.2	10 < F < 19.999 MHz
1.8V	1.2	1.25 MHz < F < 5.999 MHz
	1.2	6 MHz <F < 9.999 MHz
	1.8	10 < F < 19.999 MHz

Cause/Reason for Change:
Increased frequency range to 80 MHz. Added new alternate IC for frequencies below 50 MHz.

Change Plan	
Effective Date:	**Additional Remarks:**

3/15/2024		
Change Declaration:		
Issued Date: 3/15/2024	**Issued By:**	**Issued Department:**
Approval:	**Approval:**	**Approval:**
For Abracon EOL only		
Last Time Buy (if applicable): N/A	**Alternate Part Number / Part Series:** N/A	
Additional Approval:	**Additional Approval:**	**Additional Approval:**
Customer Approval (If Applicable)		
Qualification Status: ☐ Approved ☐ Not accepted *Note: It is considered approved if there is no feedback from the customer 1 month after ECN/PCN is released.*		
Customer Part Number:	**Customer Project:**	
Company Name:	**Company Representative:**	**Representative Signature:**
Customer Remarks:		