

ECN/PCN No.: 4725

For Manufacturer

Product Description: CONTINUOUS VOLTAGE SMD CRYSTAL OSCILLATOR	Abracon Part Number / Part Series: ASCODV	<input type="checkbox"/> Documentation only <input checked="" type="checkbox"/> Series <input checked="" type="checkbox"/> ECN <input type="checkbox"/> Part Number <input type="checkbox"/> EOL
Affected Revision: IR	New Revision: A	Application: <input type="checkbox"/> Safety <input checked="" type="checkbox"/> 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:
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3/15/2024			
Change Declaration:			
Issued Date: 3/15/2024	Issued By: Conor Healey	Issued Department: Engineering	
Approval: Thomas Culhane Engineering Director	Approval: Reuben Quintanilla Quality Director	Approval: Ying Huang Purchasing Director	
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: <div style="text-align: center;"> <input type="checkbox"/> Approved <input type="checkbox"/> Not accepted </div> <p><i>Note: It is considered approved if there is no feedback from the customer 1 month after ECN/PCN is released.</i></p>			
Customer Part Number:		Customer Project:	
Company Name:	Company Representative:	Representative Signature:	
Customer Remarks:			