

**ECN/PCN No.: 3715**
**For Manufacturer**

<b>Product Description:</b> SMD Clock Oscillator	<b>Abracon Part Number / Part Series:</b> ASDM	<input checked="" type="checkbox"/> Series <input type="checkbox"/> Part Number
<b>Affected Revision:</b> L	<b>New Revision:</b> M	<input type="checkbox"/> Safety <input checked="" type="checkbox"/> Non-Safety

**Prior to Change: supply current, rise and fall time, cycle to cycle jitter, dissable stand by current**

Supply Current (no load):	1.0 to 39.9999MHz		3	10	mA	No load RL=∞ T=25°C
	40.0 to 79.9999MHz		4	10		
	80.0 to 124.9999MHz		5	10		
	125.0 to 150MHz		6	10		

Rise Time:	Tr		1.3	2.0	ns	15pF; T=25°C 20%/80%*VDD
Fall Time:	Tf		1.3	2.0		

Cycle to cycle jitter:		95		ps	F=100MHz
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Disable Stand-by Current:				1	uA
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**After Change: supply current, rise and fall time, cycle to cycle jitter, dissable stand by current**

Supply Current (no load)	1.0 to 39.9999MHz		7	15	mA	Vdd=3.3V No load RL=∞ T=25°C
	40.0 to 79.9999MHz		8	15		
	80.0 to 124.9999MHz		9	15		
	125.0 to 150MHz		10	15		

Rise Time:	Tr		1.3	3.0	ns	15pF; T=25°C 20%/80%*VDD
Fall Time:	Tf		1.3	3.0		

Cycle to cycle jitter:		60		ps	F=100MHz
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Disable Stand-by Current:				15	uA
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**Cause/Reason for Change:**

Product discontinuation of the first generation internal IC used inside this product series. IC replaced with a new second generation device with lower cycle to cycle period jitter.

**Change Plan**

<b>Effective Date:</b> 12/17/2020	<b>Additional Remarks:</b> Revising the existing product series with the latest silicon
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**Change Declaration:**  
 Existing Abracon part numbers will remain the same. No changes or modifications on the customers BOM is required.

**Issued Date:**  
 12/17/2020

**For Abracon EOL only**

<b>Last Time Buy (if applicable):</b> Not Applicable	<b>Alternate Part Number / Part Series:</b> Not Applicable
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<b>Additional Approval:</b>	<b>Additional Approval:</b>	<b>Additional Approval:</b>
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<b>Customer Approval (If Applicable)</b>		
Qualification Status:		
<input type="checkbox"/> Approved <input type="checkbox"/> Not accepted		
Customer Part Number:	Customer Project:	
Company Name:	Company Representative:	Representative Signature:
Customer Remarks:		

ASDM1-100.000MHZ-LC  
ASDM1-100.000MHZ-LC-T  
ASDM1-109-24.5454MHZ-T  
ASDM1-121.500MHZ-EC  
ASDM1-150.000MHZ-LC  
ASDM1-20.000MHZ-LC  
ASDM1-20.000MHZ-LC-T  
ASDM1-20.000MHZ-T  
ASDM1-22.000MHZ-C  
ASDM1-22.1184MHZ-LC  
ASDM1-23.9818MHZ  
ASDM1-24.000MHZ-EC  
ASDM1-24.000MHZ-LC  
ASDM1-24.000MHZ-LC-T  
ASDM1-24.000MHZ-LR-T  
ASDM1-24.000MHZ-R-T  
ASDM1-24.0649MHZ  
ASDM1-24.540MHZ-LC  
ASDM1-24.5454MHZ-LC  
ASDM1-24.576MHZ-L  
ASDM1-24.576MHZ-LC  
ASDM1-24.576MHZ-LC-T  
ASDM1-25.000MHZ-L  
ASDM1-25.000MHZ-LC  
ASDM1-25.000MHZ-LC-T  
ASDM1-25.000MHZ-LR  
ASDM1-25.000MHZ-LR-T  
ASDM1-26.000MHZ-LC  
ASDM1-26.000MHZ-LC-T  
ASDM1-27.000MHZ-L  
ASDM1-27.000MHZ-LC  
ASDM1-27.000MHZ-LC-T  
ASDM1-27.000MHZ-LR  
ASDM1-28.6363MHZ-LC  
ASDM1-28.636MHZ-LC  
ASDM1-29.4912MHZ-LC  
ASDM1-29.4912MHZ-LC-T  
ASDM1-30.000MHZ-LC-T  
ASDM1-32.000MHZ-LC-T  
ASDM1-33.000MHZ-LC-T  
ASDM1-33.330MHZ-LC-T  
ASDM1-33.333MHZ-LC-T  
ASDM1-36.000MHZ-LC  
ASDM1-36.000MHZ-LC-T  
ASDM1-38.400MHZ-LC  
ASDM1-40.000MHZ-LC-T

ASDM1-40.000MHZ-LR  
ASDM1-42.660MHZ  
ASDM1-42.660MHZ-LR  
ASDM1-44.000MHZ-LC  
ASDM1-44.000MHZ-LC-T  
ASDM1-45.000MHZ-EC  
ASDM1-48.000MHZ-EC  
ASDM1-48.000MHZ-LC  
ASDM1-48.000MHZ-LC-T  
ASDM1-49.09091MHZ-LR  
ASDM1-50.000MHZ-LC  
ASDM1-50.000MHZ-LC-T  
ASDM1-50.000MHZ-LR  
ASDM1-55.296MHZ-LC  
ASDM1-55.296MHZ-LR  
ASDM1-60.000MHZ-LC  
ASDM1-60.000MHZ-LC-T  
ASDM1-60.000MHZ-LR-T  
ASDM1-64.000MHZ-LC  
ASDM1-64.000MHZ-LC-T  
ASDM1-66.000MHZ-LC-T  
ASDM1-66.000MHZ-LR  
ASDM1-66.666MHZ-LC  
ASDM1-66.666MHZ-LC-T  
ASDM1-66.666MHZ-L-R  
ASDM1-69.120MHZ-LC  
ASDM1-73.660MHZ-LR  
ASDM1-75.000MHZ-EC  
ASDM1-75.000MHZ-LC  
ASDM1-80.000MHZ-LC-T  
ASDM2-24.000MHZ  
ASDM2-25.000MHZ-LR  
ASDM2-30.000MHZ-LC  
ASDM2-42.500MHZ-LC  
ASDM2-50.000MHZ-LC  
ASDM2-50.000MHZ-LC-T  
ASDM-28.63636MHZ-LR  
ASDM3-101-24.000MHZ-T  
ASDM3-102-24.5454MHZ-T  
ASDM3-103-24.576MHZ-T  
ASDM3-104-27.000MHZ-T  
ASDM3-105-48.000MHZ-T  
ASDM3-24.000MHZ-LC  
ASDM3-25.000MHZ-L  
ASDM3-30.000MHZ-LR  
ASDM3-50.000MHZ-LC

ASDM3-50.000MHZ-LC-T  
ASDM3-73.6666MHZ-LR  
ASDM4-100.000MHZ-LC  
ASDM4-102-24.000MHZ-T  
ASDM4-125.000MHZ-EC  
ASDM4-125.000MHZ-EC-T  
ASDM4-150.000MHZ-L  
ASDM4-22.000MHZ-C-T10  
ASDM4-22.000MHZ-C-T3  
ASDM4-24.000MHZ-LC  
ASDM4-25.0000MHZ-LC  
ASDM4-25.0000MHZ-LC-T  
ASDM4-25.000MHZ-LR  
ASDM4-25.000MHZ-LR-T  
ASDM4-26.000MHZ  
ASDM4-26.000MHZ-LC  
ASDM4-26.000MHZ-LR  
ASDM4-26.000MHZ-LR-T  
ASDM4-27.0000MHZ-LR  
ASDM4-27.000MHZ-LR-T  
ASDM4-28.6363MHZ-LC  
ASDM4-28.6363MHZ-LC-T  
ASDM4-28.636MHZ-LC  
ASDM4-28.636MHZ-LC-T  
ASDM4-33.000MHZ-LC  
ASDM4-33.330MHZ-LC  
ASDM4-36.000MHZ-L  
ASDM4-38.400MHZ-MK  
ASDM4-44.000MHZ-LC  
ASDM4-44.000MHZ-LC-T  
ASDM4-48.000MHZ-LC  
ASDM4-48.000MHZ-LC-T  
ASDM4-48.461MHZ-LC  
ASDM4-49.09091MHZ-LR  
ASDM4-50.000MHZ-L  
ASDM4-54.000MHZ-LC  
ASDM4-70.000MHZ-LR  
ASDM4-70.000MHZ-LR-T  
ASDM4-80.000MHZ-LC  
ASDM4-80.000MHZ-T  
ASDM4-90.000MHZ-L