

**ECN/PCN No.: 3717**
**For Manufacturer**

<b>Product Description:</b> SMD Clock Oscillator	<b>Abracon Part Number / Part Series:</b> ASFLM	<input checked="" type="checkbox"/> Series <input type="checkbox"/> Part Number
<b>Affected Revision:</b> P	<b>New Revision:</b> Q	<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
------------------------	--	----	--	----	----------

Disable Stand-by Current:			1	uA
---------------------------	--	--	---	----

**After Change:**

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
------------------------	--	----	--	----	----------

Disable Stand-by Current:			15	uA
---------------------------	--	--	----	----

**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
--------------------------------------	--

**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
---	---

<b>Additional Approval:</b>	<b>Additional Approval:</b>	<b>Additional Approval:</b>
-----------------------------	-----------------------------	-----------------------------

<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:		

## Affected Part Numbers

ASFLM1-100.000MHZ-ER  
ASFLM1-100.000MHZ-LC  
ASFLM1-100.000MHZ-LC-T  
ASFLM1-101-27.000MHZ-T  
ASFLM1-125.000MHZ-C  
ASFLM1-125.000MHZ-C-T  
ASFLM1-125.000MHZ-L-C  
ASFLM1-125.000MHZ-LC-T  
ASFLM1-20.000MHZ-C  
ASFLM1-20.000MHZ-C-T  
ASFLM1-20.000MHZ-L-C-T  
ASFLM1-20.000MHZ-R  
ASFLM1-22.000MHZ-LR  
ASFLM1-24.000MHZ-C  
ASFLM1-24.000MHZ-C-T  
ASFLM1-24.000MHZ-LC-T  
ASFLM1-24.576MHZ-C  
ASFLM1-24.576MHZ-C-T  
ASFLM1-24.576MHZ-LC-T  
ASFLM-125.000MHZ  
ASFLM1-25.000MHZ-C  
ASFLM1-25.000MHZ-CT  
ASFLM1-25.000MHZ-E-C  
ASFLM1-25.000MHZ-LC  
ASFLM1-25.000MHZ-LC-T  
ASFLM1-25.000MHZ-LJ-T  
ASFLM1-26.000MHZ  
ASFLM1-26.000MHZ-LC  
ASFLM1-26.000MHZ-T  
ASFLM1-27.000MHZ-C  
ASFLM1-27.000MHZ-LC-T  
ASFLM1-30.000MHZ-C  
ASFLM1-30.000MHZ-C-T  
ASFLM1-30.000MHZ-E-C  
ASFLM1-30.000MHZ-LC-T  
ASFLM1-32.000MHZ-C  
ASFLM1-32.000MHZ-C-T  
ASFLM1-32.000MHZ-LC-T  
ASFLM1-33.000MHZ-C  
ASFLM1-33.000MHZ-C-T  
ASFLM1-33.000MHZ-LC-T  
ASFLM1-33.333MHZ-C  
ASFLM1-33.333MHZ-LC-T  
ASFLM1-40.000MHZ-C  
ASFLM1-40.000MHZ-C-T

ASFLM1-40.000MHZ-LC-T  
ASFLM1-40.000MHZ-T  
ASFLM1-44.000MHZ-LC  
ASFLM1-48.000MHZ-C  
ASFLM1-48.000MHZ-LC-T  
ASFLM1-50.000MHZ-C  
ASFLM1-50.000MHZ-C-T  
ASFLM1-50.000MHZ-LC  
ASFLM1-50.000MHZ-LC-T  
ASFLM1-50.000MHZ-T  
ASFLM1-66.000MHZ-L-C  
ASFLM1-66.000MHZ-LC-T  
ASFLM1-66.6666MHZ-L-C  
ASFLM1-66.6666MHZ-L-C-T  
ASFLM1-72.000MHZ-L-C  
ASFLM1-75.000MHZ-L-C  
ASFLM1-75.000MHZ-LC-T  
ASFLM1-80.000MHZ-C-T  
ASFLM1-80.000MHZ-LC  
ASFLM1-80.000MHZ-L-C  
ASFLM1-80.000MHZ-LC-T  
ASFLM2-100.0000MHZ-EC  
ASFLM2-100.000MHZ-LR  
ASFLM2-125.000MHZ-ER  
ASFLM2-125.000MHZ-LC  
ASFLM2-125.000MHZ-LC-T  
ASFLM2-125.000MHZ-MC  
ASFLM2-150.000MHZ-LC-T  
ASFLM2-24.000MHZ-LR  
ASFLM2-25.000MHZ-C  
ASFLM2-25.000MHZ-EC  
ASFLM2-25.000MHZ-ER  
ASFLM2-25.000MHZ-LC  
ASFLM2-25.000MHZ-LC-T  
ASFLM2-25.000MHZ-LR  
ASFLM2-25.000MHZ-R  
ASFLM2-25.000MHZ-R-T  
ASFLM2-26.6000MHZ-C  
ASFLM2-26.6000MHZ-T  
ASFLM2-26.600MHZ-C  
ASFLM2-26.600MHZ-C-T  
ASFLM2-27.000MHZ-LR-T  
ASFLM2-27.120MHZ-LR-T  
ASFLM2-28.224MHZ-LR  
ASFLM2-28.224MHZ-LR-T  
ASFLM2-28.244MHZ-LR

ASFLM2-32.000MHZ-LC-T  
ASFLM2-32.768MHZ-LR  
ASFLM2-32.768MHZ-LR-T  
ASFLM2-33.333MHZ-EC  
ASFLM2-33.333MHZ-LK-T  
ASFLM2-34.368MHZ-LR  
ASFLM2-40.000MHZ-C-T  
ASFLM2-40.000MHZ-LR  
ASFLM2-44.736MHZ-LR  
ASFLM2-48.000MHZ-LK-T  
ASFLM2-48.000MHZ-LR  
ASFLM2-48.461MHZ-LR  
ASFLM2-48.461MHZ-LR-T  
ASFLM-25.000MHZ-L  
ASFLM-25.000MHZ-L-C  
ASFLM2-50.000MHZ-L  
ASFLM2-50.000MHZ-LC  
ASFLM2-50.000MHZ-LC-T  
ASFLM2-50.000MHZ-LR  
ASFLM2-50.000MHZ-LR-T  
ASFLM2-51.840MHZ-LR  
ASFLM2-60.000MHZ-LK-T  
ASFLM2-64.000MHZ-LC  
ASFLM2-70.000MHZ-LC  
ASFLM2-72.000MHZ-LC  
ASFLM2-75.000MHZ-LC  
ASFLM-28.224MHZ-LR  
ASFLM2-80.000MHZ-LC  
ASFLM2-80.000MHZ-LC-T  
ASFLM-30.000MHZ-L-C  
ASFLM3-125.000MHZ-LC  
ASFLM3-50.000MHZ-C  
ASFLM4-100.000MHZ-ER  
ASFLM4-125.000MHZ-ER  
ASFLM4-125.000MHZ-LC  
ASFLM4-125.000MHZ-LC-T  
ASFLM-42.000MHZ-L  
ASFLM4-20.480MHZ-EC  
ASFLM4-20.480MHZ-EC-T  
ASFLM4-24.000MHZ-LC  
ASFLM4-25.000MHZ-C  
ASFLM4-25.000MHZ-LR  
ASFLM4-25.000MHZ-LR-T  
ASFLM4-26.000MHZ-EC  
ASFLM4-27.000MHZ-ER-T  
ASFLM4-28.6363MHZ-LC

ASFLM4-38.400MHZ-LC  
ASFLM4-54.000MHZ-C-T  
ASFLM4-80.000MHZ-C  
ASFLM4-80.000MHZ-C-T  
ASFLM5-24.000MHZ-LC