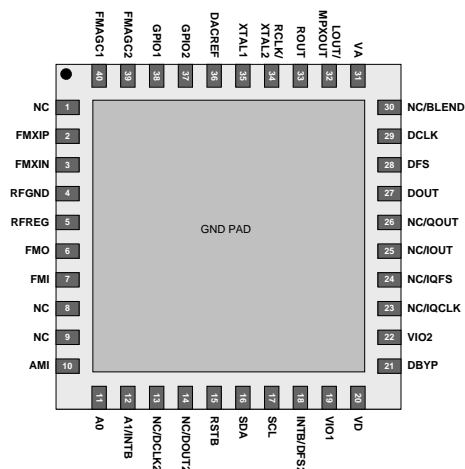


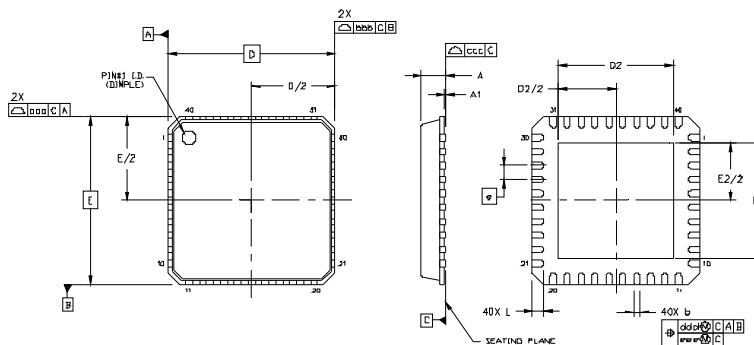
Selected Electrical Specifications

Parameter	Test Conditions	Min	Typ	Max	Units
Ambient temperature		-40	25	85	°C
Analog supply voltage 5 V (VA)		4.5	5	5.5	V
Digital supply voltage 3.3 V (VD)		2.7	3.3	3.6	V
Interface supply voltage (VIO1)		1.7	3.3	3.6	V
Interface supply voltage (VIO2)		1.2	3.3	3.6	V
Analog supply current (FM mode)		121	130	139	mA
Analog supply current (AM mode)		129	140	147	mA
Digital supply current		47	60	81	mA
Interface supply current (VIO1)		0.1	0.5	0.82	mA
Interface supply current (VIO2)		0.1	0.2	0.5	mA
FM					
Input frequency		64	—	108	MHz
Tune time		—	1.5	—	msec
Seek time/channel		—	20	—	msec
IP3	Blockers at 400/800 kHz offset	115	117	—	dBμV
Sensitivity	SINAD = 26 dB	—	-3.5	-2	dBμV
AM					
Input frequency		520	—	1710	kHz
Seek time/channel		—	55	—	msec
IP2	Desired = 700 kHz Undesired = 1000, 1700 kHz AGC Disabled (Max Gain)	142	146	—	dBμV
IP3	Blockers at 40/80 kHz offset AGC Disabled (Max Gain)	110	120	—	dBμV
Sensitivity	SINAD = 26 dB	—	14	17	dBμV EMF

Pin Assignment

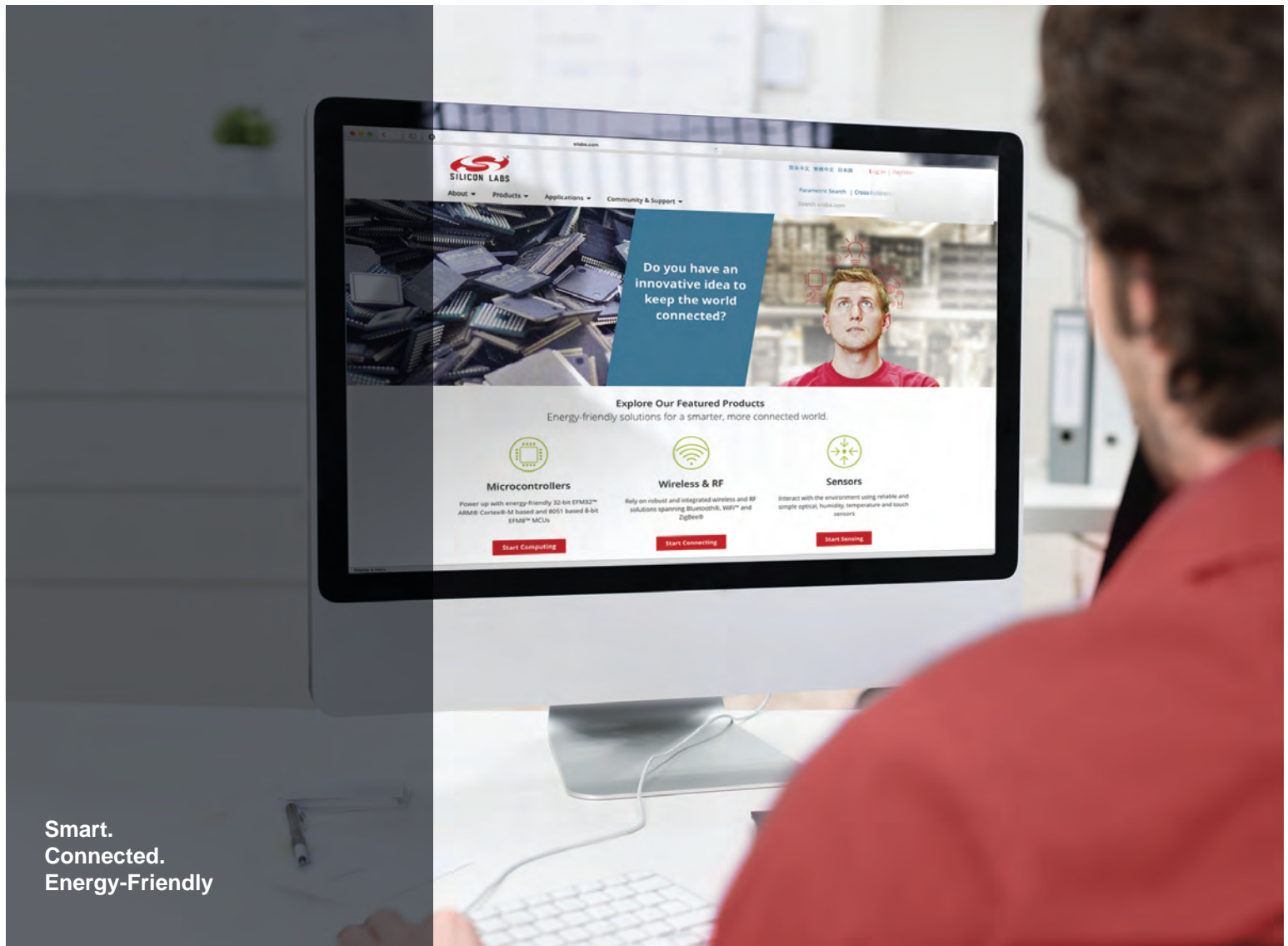


Package Information



Symbol	Millimeters		
	Min	Nom	Max
A	0.80	0.85	0.90
A1	0.00	0.02	0.05
b	0.18	0.25	0.30
D	6.00 BSC		
D2	3.95	4.10	4.25
e	0.50 BSC		
E	6.00 BSC		

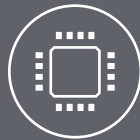
Symbol	Millimeters		
	Min	Nom	Max
E2	3.95	4.10	4.25
L	0.30	0.40	0.50
aaa	0.10		
bbb	0.10		
ccc	0.08		
ddd	0.10		
eee	0.05		



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Silicon Laboratories Inc.
400 West Cesar Chavez
Austin, TX 78701
USA

<http://www.silabs.com>