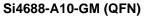
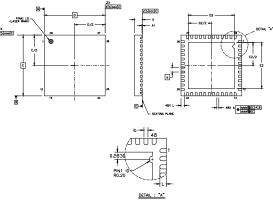


Selected Electrical Specifications

Parameter	Symbol	Test Conditions	Min	Тур	Max	Units
Ambient Temperature	T _A		-40	25	85	°C
Analog Supply Voltage	V _A		1.71	1.8	2.0	V
Interface Supply Voltage	V _{IO}		1.62	1.8	3.6	V
Core Digital Supply Voltage	V _{CORE}		1.62	1.8	2.0	V
Memory Supply Voltage	V _{MEM}		1.62	1.8	2.0	V
Analog FM						
Input Frequency	F _{rf}		76	_	108	MHz
Seek Time			—	_	60	ms/ch
Input IP3			—	96	_	dBµV
Sensitivity		SINAD = 26 dB		0.7		μV
FM HD						
Input Frequency	F _{rf}		87.5	_	108	MHz
Seek Time			—	_	120	ms/ch
DAB/DAB+			•	•	•	•
Input Frequency	F _{rf}		168	_	240	MHz
Enable Acquisition Time			_	—	940	ms

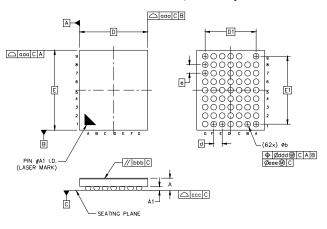




	0.00				
	0.80	0.85	0.90		
	0.00	0.02	0.05		
	0.18	0.25	0.30		
	7.00 BSC				
2	5.20	5.30	5.40		
	0.50 BSC				
	7.00 BSC				
2	5.20	5.30	5.40		
	0.30	0.40	0.50		
а	0.15				
b	0.10				
d	0.05				
e	0.08				
oted. mensioning his drawing	g and tolerancing	per ASME Y14.5	iM-1994.		
	2 a b d e l dimensior oted. imensioninų inis drawinų KKD-4.	2 5.20 0.30 a b d e I dimensions are shown in n sted. imensioning and tolerancing ins drawing conforms to JEE KKD-4.	0.50 BSC 7.00 BSC 2 5.20 0.30 0.40 a 0.15 b 0.10 d 0.05 e 0.08 I dimensions are shown in millimeters (mm) u oted. mensioning and tolerancing per ASME Y14.5 nis drawing conforms to JEDEC Outline MO-2		

Recommended card reflow profile is per the JEDEC/IPC J-4. STD-020 specification for Small Body Components.

Si4688-A10-GD (WLCSP)



Dimension	Min	Nom	Max		
A	0.55	0.59	0.63		
A1	0.18	0.20	0.22		
b	0.22	0.27	0.32		
D	3.20 BSC.				
E	3.77 BSC.				
d	0.40 BSC.				
е	0.40 BSC.				
D1	2.40 BSC.				
E1	3.20 BSC.				
aaa	0.10				
bbb	0.10				
CCC	0.03				
ddd	0.15				
eee	0.05				

Notes:

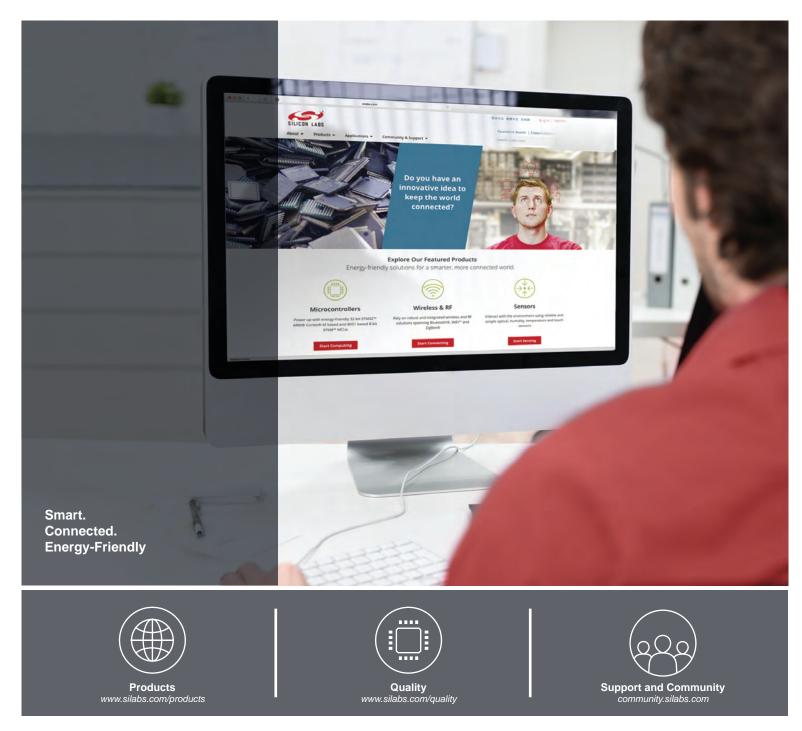
- 1. All dimensions shown are in millimeters (mm) unless otherwise noted.
- Dimensioning and Tolerancing per ANSI Y14.5M-1994. 2.
- Primary datum "C" and seating plane are defined by the spherical 3. crowns of the solder balls.
- Dimension "b" is measured at the maximum solder bump diameter, 4. parallel to primary datum "C". Recommended card reflow profile is per the JEDEC/IPC J-STD-020
- 5. specification for Small Body Components.

Digital Radio Receiver

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