

Ordering Guide

Part Number*	Description	Package Type	Operating Temperature/Voltage
Si4732-A10-GS	AM/FM/SW/LW/RDS Broadcast Radio Receiver	16L SOIC Pb-free	-20 to 85 °C 2.7 to 3.6 V

***Note:** Add an "(R)" at the end of the device part number to denote tape and reel option. The devices will typically operate at 25 °C with degraded specifications for V_{DD} voltage ramped down to 2.0 V.

Pin Assignments

LOUT/DFS	1 ●	16	ROUT/DOUT
GPO3/DCLK	2	15	GND
GPO2/INTB	3	14	VDD
GPO1	4	13	RCLK
NC	5	12	SDIO
FMI	6	11	SCLK
RFGND	7	10	SENB
AMI	8	9	RST

16L SOIC Package Information

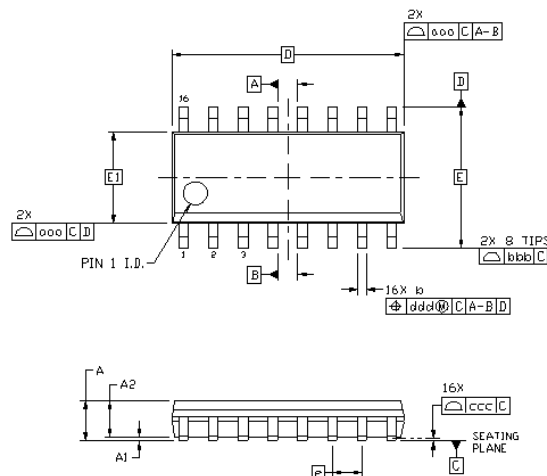
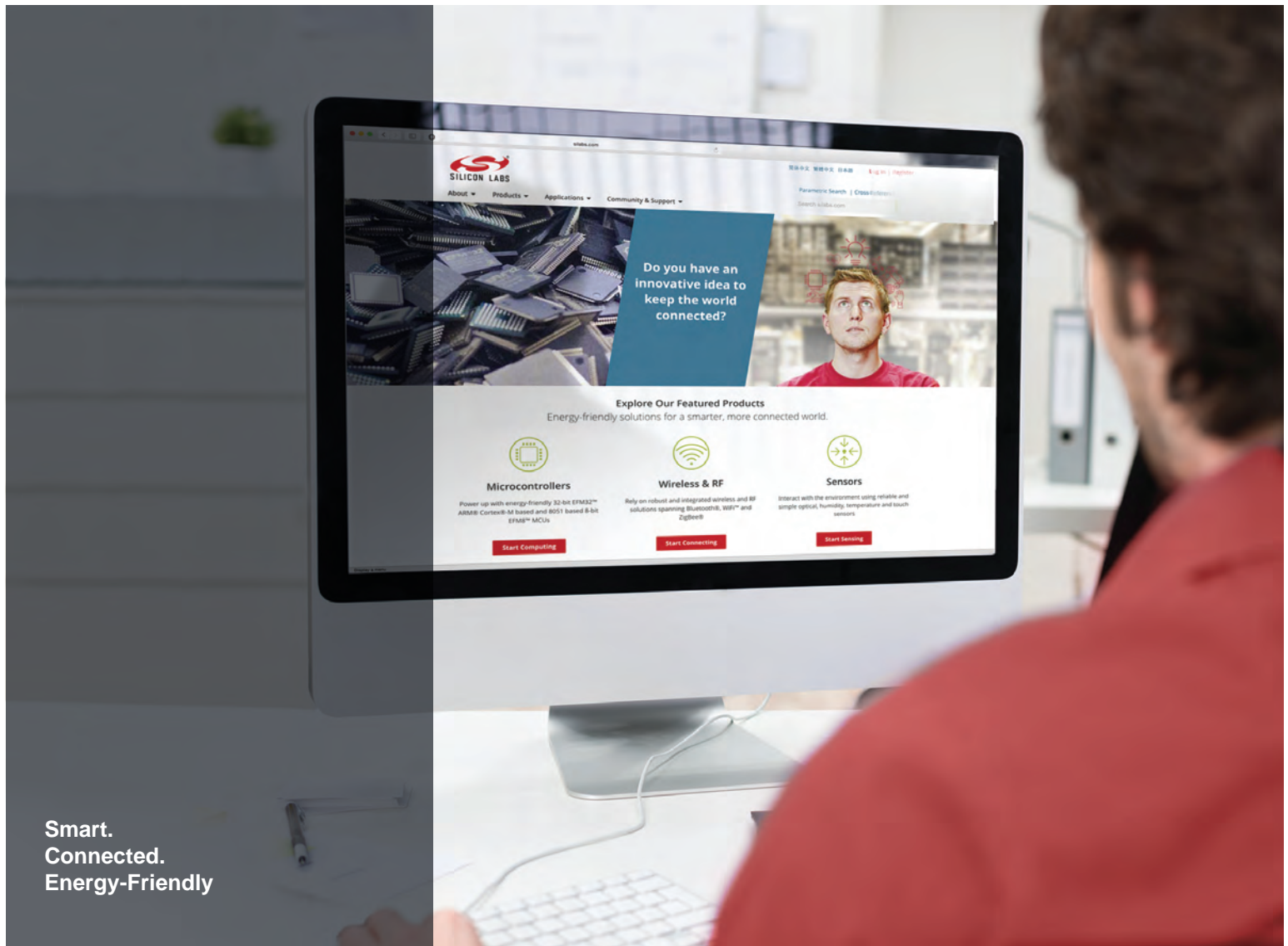


Table 1. Package Dimensions

Dimension	Min	Max	Dimension	Min	Max
A	—	1.75	L	0.40	1.27
A1	0.10	0.25	L2	0.25 BSC	
A2	1.25	—	h	0.25	0.50
b	0.31	0.51	θ	0°	8°
c	0.17	0.25	aaa	0.10	
D	9.90 BSC		bbb	0.20	
E	6.00 BSC		ccc	0.10	
E1	3.90 BSC		ddd	0.25	
e	1.27 BSC				

Notes:

1. All dimensions shown are in millimeters (mm) unless otherwise noted.
2. Dimensioning and Tolerancing per ANSI Y14.5M-1994.
3. This drawing conforms to the JEDEC Solid State Outline MS-012, Variation AC.
4. Recommended card reflow profile is per the JEDEC/IPC J-STD-020 specification for Small Body Components.



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