

CYW89373

AIROC™ Automotive Wireless

1x1 Wi-Fi 5 and Bluetooth 5.2 Combo for Automotive Applications

CYW89373 single-chip device provides the highest level of integration for Automotive wireless systems with integrated single-stream IEEE 802.11a/b/g/n/ac MAC/baseband/radio and Bluetooth 5.2 (Basic Rate, Enhanced Data Rate and Bluetooth Low Energy).

Summary of Features

- Dual-band operation (2.4GHz, 5GHz)
- Wi-Fi 5 (802.11ac) compliant
- Integrated on-chip PAs
- Integrated on-chip LNAs
- Integrated on-chip PMU
- Integrated T/R switch for 2.4GHz band
- Supported shared Wi-Fi and BT antenna

Potential Applications

- Automotive

Parametrics	CYW89373
Bluetooth Capability	Bluetooth 5.0
Bluetooth Interface	UART
Bluetooth Specification	Bluetooth 5.2
Driver Support	Linux ; Android ; RTOS
Operating Temperature min max	-40 °C 85 °C
Wi-Fi Interface	PCIe ; SDIO
Wi-Fi Capability	1x1 SISO
Wi-Fi Specification	Wi-Fi 5 (802.11ac)

Sales Product Name	CYW89373
OPN Info	CYW89373CUBGT
Product Status	active and preferred
Infineon Package name	SG-UFWLB-128
Standard Package name	WLCSP-128 (002-17035)
Completely lead free	yes
Halogen free	yes
RoHS compliant	yes
Packing Size	5000
Packing Type	TAPE & REEL
Moisture Level	1
Moisture Packing	NON DRY