

PHILIPS TAG SUMMARY REPORT

IC

Name/GSRN of Certified IC	UCODE EPC G2 950110126000000193
Tag Used(model #)	NXP RSI-633
Frequency Bands Tested	862-870 MHz <input type="checkbox"/> 902 – 928 MHz <input checked="" type="checkbox"/>
*Tested Range:	1 meter
Notes	Tag configurations that utilize the identical certified IC may be as interoperable as the tested tag. See tag manufacturer for selection of tags for this IC.

IC – Integrated Circuit

* The distance between the reader antenna and tag used for testing

Backscatter Encoding	M	Backscatter Data Rate (kbps)	Tari (µs)		
			6.25 – 12.5	12.5 – 18.75	18.75 – 25
FM0	1	640 – 320	Mod: PR PIE:2:1 DR:64/3 Funct: P Sirit INfinity 510 RFID Reader		
		320 -256			
		256 – 160			
		160 – 40			
Subcarrier	2	320 – 128			
		128 – 20			
	4	160 – 64			
		64 – 10	Mod: DS PIE:1.5:1 DR:8 Funct: P Sirit INfinity 510 RFID Reader		Mod:PR PIE:2:1 DR:64/3 Funct: P Impinj Speedway RFID Reader
		8	80 – 32		
			32 – 5		

Appendix: Keys

DS	DSB-ASK
SS	SSB-ASK
PR	PR-ASK
X:1	PIE ratio

Optional Gen 2 functionality indicated under Funct:

- P Access passwords supported
- U User memory supported
- WT Write-able TID supported