LEADING Wireless Future

Kangxi Communication Technologies
Switch Roadmap

2024 Q2

Leading RF Technologies, Bridging Wireless Communication

KCT Wi-Fi switch series

Part No.	Function	Freq (GHz)	VDD (V)	VC (V)	Tsw (ns)	Interface	P-0.1dB (dBm)	Insertion Loss (dB)	Isolation (dB)	Package (mm)	P2P Part
KCT2821L	SPDT	1.0-3.0	NA	3.0-3.6	150	GPIO	32	0.60@ 2.4-2.5 GHz 0.65@ 1.0-3.0 GHz	23@ 2.4-2.5 GHz 20@ 1.0-3.0 GHz	SC-70, 1.25*2.1	SKY13343 RTC6603SP
KCT2823L	SP3T	0.5-7.125	1.7-3.6	1.3-3.6	120	GPIO	32	0.55@ 5.8 GHz 0.85@ 7.2 GHz	40@ 5.8 GHz 26@ 7.2 GHz	QFN, 1.5*1.5	RTC66014 MXD8730L
KCT2824L	DPDT	0.5-7.125	1.6-4.2	1.6-3.6	120	GPIO	32	0.55@ 5.8 GHz 0.95@ 7.2 GHz	40@ 5.8 GHz 30@ 7.2 GHz	DFN, 1.5*1.5	Sky13355 RTC66015
KCT2825L	SPDT	0.5-7.125	1.6-4.2	1.5-3.6	55	GPIO	34	0.55@ 5.8 GHz 0.65@ 7.2 GHz	28@ 5.8 GHz 25@ 7.2 GHz	QFN, 1.0*1.0	SKY13585 RTC7608 MXD8723E
KCT2826L	SPDT	0.1-6.0	NA	3.0-3.6	250	GPIO	32	0.55@ 2.4-2.5 GHz 0.60@ 0.1-3.0 GHz 0.80@ 3.0-6.0 GHz	34@ 2.4-2.5 GHz 33@ 0.1-3.0 GHz 23@ 3.0-6.0 GHz	DFN, 1.5*1.5	SKY13314 RTC6609SP
KCT2827L	SPDT	0.1-7.125	NA	2.4-5.0	300	GPIO	39	0.45@ 2.17-2.69 GHz 0.65@ 5.0-6.0 GHz 0.80@ 6.0-7.2 GHz	38@ 2.17-2.69 GHz 25@ 5.0-6.0 GHz 25@ 6.0-7.2 GHz	DFN, 1.5*1.5	SKY13370 RTC6619HE
KCT2828L	SPDT	1.0-6.0	NA	3.0-3.6	250	GPIO	32	0.40@ 2.4-2.5 GHz 0.50@ 1.0-3.0 GHz 0.70@ 3.0-6.0 GHz	29@ 2.4-2.5 GHz 28@ 1.0-3.0 GHz 26@ 3.0-6.0 GHz	DFN, 1.0*1.0	SKY13351 RTC6608OSP
KCT2829L	SPDT	0.5-7.125	NA	1.6-3.6	120	GPIO	32	0.55@ 5.8 GHz 0.65@ 7.2 GHz	28@ 5.8 GHz 25@ 7.2 GHz	DFN, 1.0*1.0	Sky13351 RTC6608 MXD8721E
KCT2836L	SPDT	0.5-1.794	2.3-4.2	0.6-3.6	NA	GPIO	87(dBmV)	0.25@ 1.218 GHz	56@ 0.2 GHz	QFN, 3.0*3.0	RTC3601
KCT2837L	SPDT	0.005-6.0	2.3-4.2	0.6-3.6	NA	GPIO	36	0.24@ 0.1 GHz 0.32@ 3.0 GHz 0.45@ 6.0 GHz	62@ 0.1 GHz 31@ 3.0 GHz 23@ 6.0 GHz	QFN, 2.0*2.0	RTC3602

Thank you

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Note: This document is subject to the latest released version, the previous data is invalid