

NJRC's Latest SPDT GaAs MMIC Switches

NJR
NEWS

2006 **63**

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NJG1512, 1600, & 1608

NJG1512, 1600, and 1608 GaAs MMIC Switch

NJRC is a leader in GaAs MMIC technology.

Features

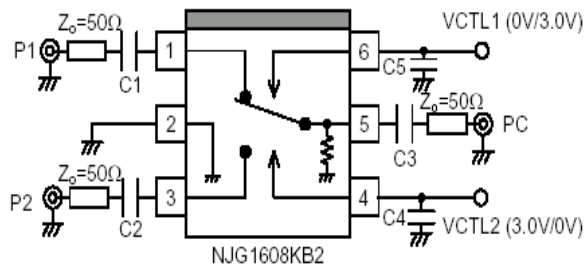
- Single low voltage control
- High isolation
- Low insertion loss
- Low current consumption
- Pin at 1dB compression point
- Ultra small & ultra thin package

NOW Available!

Applications

- Bluetooth and Wireless LAN
- Personal Handy phone System (PHS)
- Global Systems for Mobile communications (GSM)
- Universal Mobile Telecommunication System (UMTS)
- Code-Division Multiple Access (CDMA)
- Wideband Code-Division Multiple Access (WCDMA)

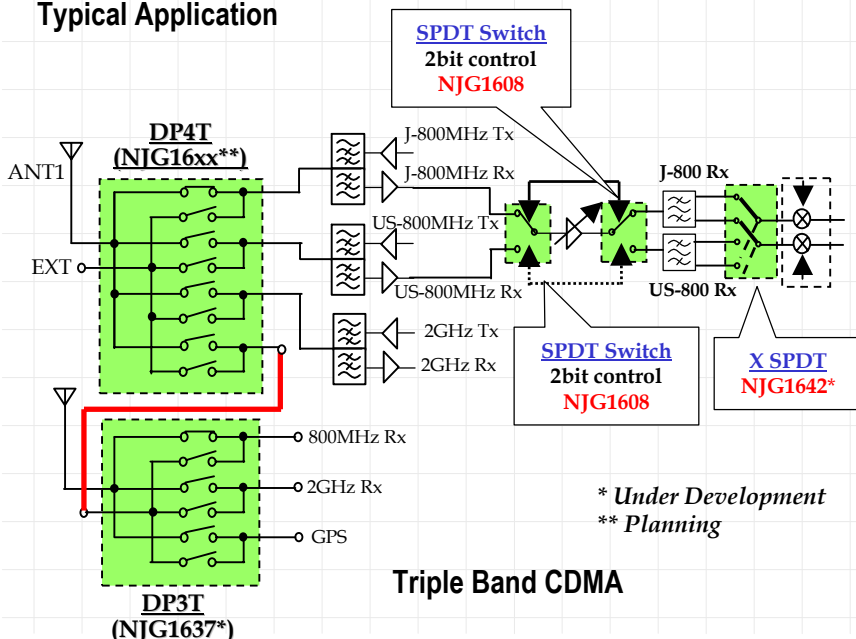
Application Circuit



Parts List

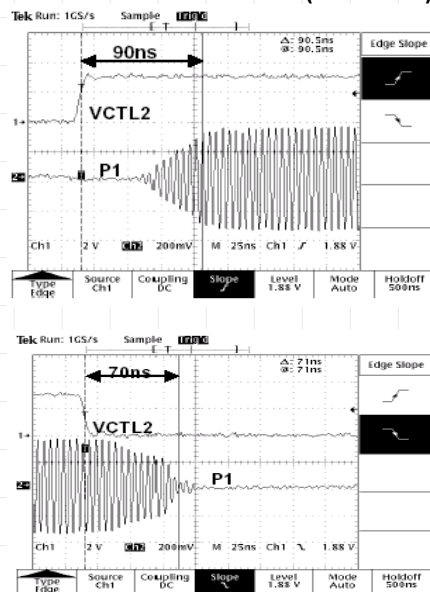
Parts number	List 1	List 2	List 3	Notes
	100~500MHz	0.5~2.0GHz	2.0~6.0GHz	
C1~C3	1000pF	56pF	16pF	GRM15 MURATA
C4, C5	10pF	10pF	10pF	GRM15 MURATA

Typical Application



* Under Development
** Planning

Electrical Characteristics (NJG1608)



JRC NJR CORPORATION
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