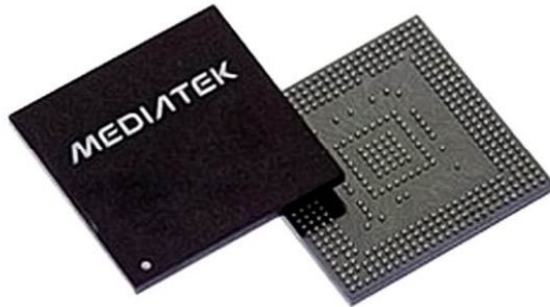


MT6627 Yageo 1608 Diplexer

MediaTek : MT6627



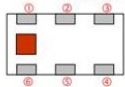
MT6627 :

- Wireless connectivity 3-in-1 combo smart phone and tablet market
- Low cost version and MP in June,13
- Require LTCC 1608 Diplexer of GPS and WiFi
- BOM Sources of Diplexer :
Yageo, ACX, Murata, Cyntec and Walsin

MT6627 Diplexer QVL for WIFI/BT/GPS Single ANT application

- The 2.4GHz/1.575GHz diplexer need to add another GPS SAW filter.
- MT6627 pin define is different from MT6628, so diplexer is not the same as MT6628

Component	Part Number	Manufacturer	Vendor
Diplexer	DP1608-V1524CA	ACX	ACX 瑞德电子
	LFD181G58DP8D754	muRata	Murata
	RFDIP1608060TM7T62	Walsin	Walsin
	TDP-1608-125-GB	Cyntec	Cyntec
	DPX1608LL87R1524A	YAGEO	Yageo



No.	Terminal Name	No.	Terminal Name
①	Higher Freq. Port	④	GND
②	GND	⑤	Common Port
③	Lower Freq. Port	⑥	GND

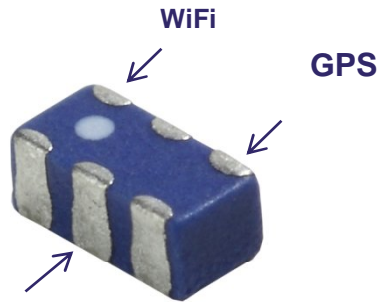
Diplexer in MT6627 BOM

Yageo	DPX1608LL87R1524A
ACX	DP1608-V1524CA
muRata	LFD181G58DP8D754
Cyntec	TDP-1608-125-GB
Walsin	RFDIP1608060TM7T62

Yageo is one of the QVL in MT6627 BOM

Target Market : white brand market in GC

Yageo 1608 Diplexer Specification



Common Port

Part Number : DPX1608LL87R1524A
 Size : 1.6x0.8mm ,
 Function : Diplexer for GPS and WiFi

- Specification

Pass Band	Low Band	High Band	
	1570-1610 MHz	2400-2500 MHz	4900-6000 MHz
Insertion Loss	0.5dB(Typ.)	0.5dB(Typ.)	0.4dB(Typ.)
	0.6dB(Max)	0.7dB(Max)	0.6dB(Max)
V.S.W.R / Return-Loss	2.0 (Max)	2.0 (Max)	2.0 (Max)
	/ 10.0 dB (Min)	/ 10.0 dB (Min)	/ 10.0 dB (Min)
Attenuation	15dB (Min).@2.4~2.5GHz	15dB (Min).@1.57~1.61GHz	
	15dB (Min).@4.9~6.0GHz		
Isolation	20 dB (Min)		

- Data sheet and samples are available



Innovative Service Around the Globe **YAGEO**
Thank you