



MT6253 Key Component List

V1.0

090917



Passed validation(W09.36) :

Numonyx	MT6253	128+32	ADMUX 108MHz NOR+PSRAM	PF38F3040M0Y3DE
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Numonyx	MT6253	128+64	ADMUX 108MHz NOR+PSRAM	PF38F3050M0Y3DF
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Samsung	MT6253	128+64	ADMUX 108MHz NOR+PSRAM	K5N2866ATC-AQ12000
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Samsung	MT6253	256+64	ADMUX 108MHz NOR+PSRAM	K5N5666ATB-BQ12000
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Numonyx	MT6253	256+64	ADMUX 108MHz NOR+PSRAM(Promos)	PF38F4050M0Y3DF
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Numonyx	MT6253	256+64	ADMUX 108MHz NOR+PSRAM(Micron)	PF38F4050M0Y3DE
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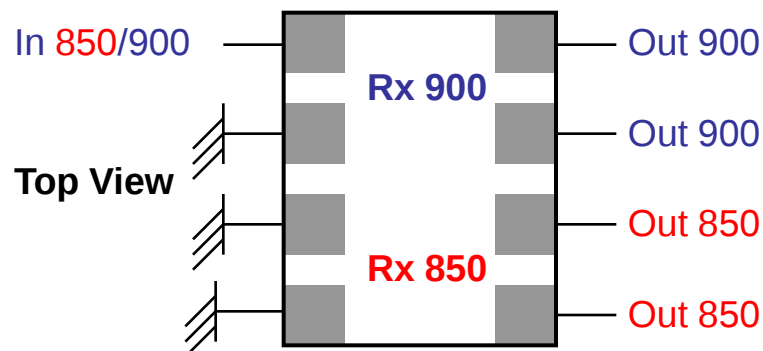
Diplexer Dual-Rx SAW for MT6253

- For Quard Band Design

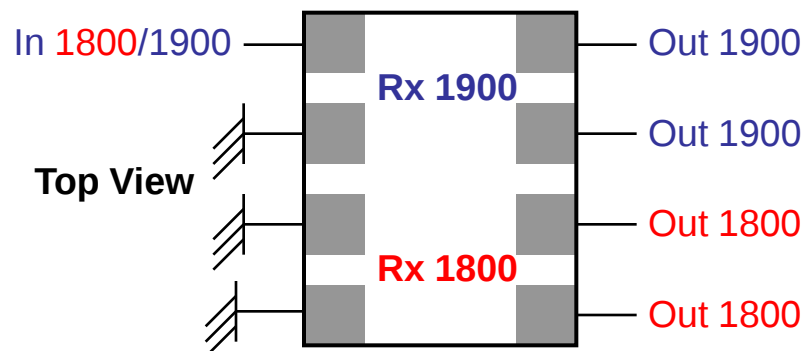
Dual-SAW Components Qualified for MT6253				
Type	Vendor	Part Number	Bands Supported	Size (mm2)
1 in 4 out	Murata	SAWEN881MCY0F00R14	900-850	1.8 x 1.4
1 in 4 out	Murata	SAWEN1G84CW0F00R14	1900-1800	1.8 x 1.4

※ Diplexer SAW is under qualified. (Will be finished by W0938)

※ Two diplexer Rx SAW with dual band ASM can implement real quad band solution.



Or



PA&Tx Modules for MT6253

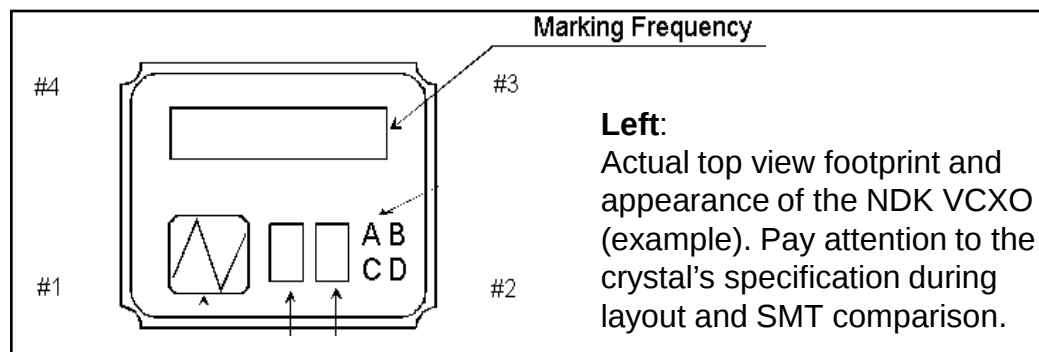
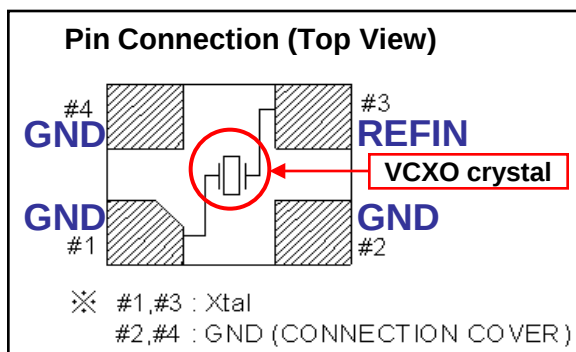
PA and TX module Qualified for MT6253				
Type	Vendor	Part Number	Size (mm ²)	Band Supported
Tx Module	SKYWORKS	Sky77531	6 x 8	Quad Band
Tx Module	SKYWORKS	Sky77552	6 x 8	Quad with Diplexer SAW
Tx Module	RFMD	RF7161	6.63x5.24	Quad Band

※ SKY77552 is under qualified. (Will be finished by W0938)
 RF7161 is under qualified. (Will be finished by W0944)

Crystal for MT6253

Qualified Crystal Components for MT6253					
Vendor	Part Number	Freq. (MHz)	CL (pF)	AFC for CapID	Size (mm x mm)
TXC	7M26000028	26	7.5	6400	3.2 x 2.5

※Note: **Don't use** MT6139/MT6140/AD6548's Crystal for MT6253.



MT6612 2nd Source List

- Balance filter

MT6612QFN Qualification List			
Vendor		PN	Dimensions (mm)
ACX		FB2012-06N2R4M	2.0 x 1.25 x 0.7
WALSIN		RFBPB2012090AM1T61	2.0 x 1.2 x 0.9
Cyntec		TBB-2012-245-C5	2.0 x 1.25 x 0.4
TDK		DEA202450BT-7190A1	2.0 x 1.25 x 0.6
MURATA	 村田制作所	LFB212G45BB1D126	2.0 x 1.25 x 0.9