RIGOL

Declassification Guide

RSA5000/RSA3000/RSA3000E
Spectrum Analyzer

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RIGOL TECHNOLOGIES, INC.

RSA5000/RSA3000/RSA3000E Series

RSA5000 series spectrum analyzer consists of RSA5065,RSA5065-TG,RSA5032 and RSA5032-TG.
RSA3000 series spectrum analyzer consists of RSA3045,RSA3045-TG,RSA3030 and RSA3030-TG.
RSA3000E series spectrum analyzer consists of RSA3015E,RSA3015E-TG,RSA3030E and
RSA3030E-TG.

Instrument Memory

This section contains information on the types of memory available in your instrument. It explains the
size of memory, how it is used, its location, volatility and the clearing procedure.

Instrument memory:

Memory type and size	Writable during normal operation	Data retained when powered off	Purpose/ contents	Data input method	Location in instrument and remarks	Sanitization procedure
FRAM 16kb	Yes	Yes	System setting\ SysCfg	System	Main board in CPU area	Default all settings
(Nand Flash) 8Gb	Yes	Yes	System setting\ License Data\ Calibration data\ SysCfg	System	Main board in CPU area	Default all settings
(Nand Flash) 8Gb	Yes	Yes	SysCfg\ System setting	System	Main board in SPU area	No user data is stored
(Spi Flash) 128Mb	No	Yes	BOOT	BOOT\ System	Main board in CPU area	No user data is stored
(Spi Flash) 128Mb	No	Yes	BOOT\ SysCfg	BOOT\ System	Main board in SPU area	No user data is stored
Data Memory (DDR3) 2Gb×3	Yes	No	FPGA Code\ caches	System	Main board in CPU area	Cycle power
Data Memory (DDR3) 2Gb×2	Yes	No	FPGA Code\ caches	System	Main board in SPU area	Cycle power

Position of Instrument Memory on Main Board

TOP	(blue)
BOTTOM	(red)