

BAE AN/ARC-231(RT-1987)

MIL-STD-188-181B, 181C, 183, 183B
Assessment 2022-4TB03-23343
05/17/2022

SYSTEM CONFIGURATION

BAE AN/ARC-231(RT-1987) System

Transceiver.....	RT-1987/ARC-231
Radio	01.01.11
Black General Purpose Processor Operating System (BGPPOS).....	BGPPOS 01.00.00
Black General Purpose Processor Operating Environment (BGPPOE) .	BGPPOE 01.00.10
Black Core Framework (BCF).....	BCF 00.01.00
Black General Purpose Processor Integrated Waveform (BGPPIW).....	BGPPIW 01.01.10
Black Digital Signal Processor Operating Environment (BDSPOE)	BDSPOE 01.01.10
Black Field Programmable Gate Array Waveform (BFPGAWF).....	BFPGAWF 20.33
Black Field Programmable Gate Array Platform (BFPGAPLA)	BFPGAPLA 20.33
Mobile User Objective System Radio Frequency Field Programmable Gate Array (MRFFPGA)	MRFFPGA 4.88E
Red General Purpose Processor Operating System (RGPPOS)	RGPPOS 01.00.00
Red General Purpose Processor Operating Environment (RGPPOE)	RGPPOE 01.01.10
Red Core Framework (RCF).....	RCF 00.01.00
Red General Purpose Processor Operating Environment (RDSPOE)	RDSPOE 01.01.00
Red Field Programmable Gate Array (RFPGA).....	RFPGA 3.14
Receiver Exciter Synthesizer Field Programmable Gate Array (RESFPGA)	RESFPGA 4.03
Power Amplifier Field Programmable Gate Array (PAFPGA).....	PAFPGA 4.12
Preselector/Guard Field Programmable Gate Array (PGFPGA)	PGFPGA 4.14
Programmable Cryptographic Module Hardware (PHW)	PHW 23
Programmable Cryptographic Module Core (PCORE).....	PCORE 3.10.0M
Programmable Cryptographic Module Personality (PPERS).....	PPERS 1.0.0
Programmable Cryptographic Module Programmable Cryptographic Engine Identification (PPCEID).....	PPCEID CM23
Black Sub-System Hardware (BSSHW).....	BSSHW 807FF
Red Sub-System Hardware (RSSHW).....	RSSHW 802 A
Mobile User Objective System Radio Frequency Hardware (MRFHW) ...	MRFHW 807FF
Receiver Exciter Synthesizer Hardware (RESHW).....	RESHW 801 A
Power Amplifier Hardware (PAHW)	PAHW 802 A
Preselector/Guard Hardware (PGHW)	PGHW 802 T
Black 1553 Field Programmable Gate Array (B1553FPGA).....	B1553FPGA 1.05
High Power Amplifier (HPA).....	AM-7585/ARC-231
Low Noise Amplifier (LNA)	AM-7586/ARC-231