

GX-Force Software Development Document List

Development phase		Input information	Document number	Output information	Document number
The 1st	Software requirement specification	Information report	JH-8027	Software Requirement Specification & Test Specification	GX-Force_SW001
		Product proposal	EK-8027	Constraint list	GX-Force_SW101
		Development plan	PK-P378	Software function request list	GX-Force_SW102
		Design specification	SS-PP378	Safety requirement specification & test specification	GX-Force_SW103
				Evaluation Board Minutes	GX-Force_DR001
The 2nd	Software architecture design	Software Requirement Specification & Test Specification	GX-Force_SW001	Software architecture design document	GX-Force_SW002
		Hardware specification	GX-Force_HW001	Design check sheet	GX-Force_SW201
		Block Diagram (Hard)	GX-Force_HW101	Software development tool list	GX-Force_SW202
		I / O map	GX-Force_HW102	Function list / function comparison table	GX-Force_SW203
		Data sheet	GX-Force_HW002	Function correlation diagram	GX-Force_SW204
		Evaluation Board Minutes	GX-Force_DR001	State transition diagram	GX-Force_SW205
				FTA (Fault tree analysis)	GX-Force_SW206
				FMEA (Failure impact analysis)	GX-Force_SW207
				Microcomputer Selection Report	GX-Force_SW208
				Trade-off minutes	GX-Force_SW209
				Software architecture design joint review report	GX-Force_SW210
				Evaluation Board Minutes	GX-Force_DR002
The 3rd	Software detailed design	Software Requirement Specification & Test Specification	GX-Force_SW001	Software detailed design document	GX-Force_SW003
		Software architecture design document	GX-Force_SW002	Program unit function / configuration design document	GX-Force_SW301
		Hardware specification	GX-Force_HW001	Program unit design document	GX-Force_SW302
		Block Diagram (Hard)	GX-Force_HW101	Program unit / interface design document	GX-Force_SW303
		I / O map	GX-Force_HW102	Evaluation Board Minutes	GX-Force_DR003
		Evaluation Board Minutes	GX-Force_DR002		
The 4th	Implementation	Design check sheet	GX-Force_SW201	Program unit	GX-Force_SW004
		Software detailed design document	GX-Force_SW003	Priority List	GX-Force_SW401
		Program to reuse		Static program analysis verification result	GX-Force_SW402
		C Language Programming Conventions	320SM0009	Source code analysis result	GX-Force_SW403
		Evaluation Board Minutes	GX-Force_DR003	Object file	GX-Force_SW404
				Evaluation Board Minutes	GX-Force_DR004
The 5th	Unit test	Software detailed design document	GX-Force_SW003	Unit Test Specification	GX-Force_SW005
		Program unit	GX-Force_SW004	Unit Test Specification (with results)	GX-Force_VR005
		Design check sheet	GX-Force_SW201	Troubleshooting Chart	GX-Force_SW501
		Priority List	GX-Force_SW401	Evaluation Board Minutes	GX-Force_DR005
		Troubleshooting Chart (in case of correction confirmation)	GX-Force_SW501		
		Evaluation Board Minutes	GX-Force_DR004		
The 6th	Integration test	Program unit	GX-Force_SW004	Integration test specification	GX-Force_SW006
		Software detailed design document	GX-Force_SW003	Integration test specification (with results)	GX-Force_VR006
		Design check sheet	GX-Force_SW201	Software function document	GX-Force_SW601
		Troubleshooting Chart (in case of correction confirmation)	GX-Force_SW501	Troubleshooting Chart	GX-Force_SW501
		Evaluation Board Minutes	GX-Force_DR005	Evaluation Board Minutes	GX-Force_DR006
The 7th	Comprehensive test	Software Requirement Specification & Test Specification	GX-Force_SW001	Comprehensive test specification	GX-Force_SW007
		Safety requirement specification & test specification	GX-Force_SW103	Comprehensive test specification (with results)	GX-Force_VR007
		Troubleshooting Chart (in case of correction confirmation)	GX-Force_SW501	Software Requirement Specification & Test Specification (with results)	GX-Force_VR001
		Evaluation Board Minutes	GX-Force_DR006	Safety Requirement Specification & Test Specification (with results)	GX-Force_VR103
				Troubleshooting Chart	GX-Force_SW501
				Evaluation Board Minutes	GX-Force_DR007