



CVE-2021-3011

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2021-3011
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-01-07 16:15:00 UTC
Updated	2023-07-20 18:53:00 UTC
Description	An electromagnetic-wave side-channel issue was discovered on NXP SmartMX / P5x security microcontrollers and A7x sec

Risk And Classification

Problem Types: CWE-203

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Ftsafe	K13	-	All	All	All
Hardware	Ftsafe	K13	-	All	All	All
Hardware	Ftsafe	K21	-	All	All	All
Hardware	Ftsafe	K21	-	All	All	All
Hardware	Ftsafe	K40	-	All	All	All
Hardware	Ftsafe	K40	-	All	All	All
Hardware	Ftsafe	K9	-	All	All	All
Hardware	Ftsafe	K9	-	All	All	All
Hardware	Google	Titan Security Key	-	All	All	All
Hardware	Google	Titan Security Key	-	All	All	All
Hardware	Nxp	3a081	-	All	All	All
Hardware	Nxp	3a081	-	All	All	All
Hardware	Nxp	A7005a	-	All	All	All
Hardware	Nxp	A7005a	-	All	All	All
Hardware	Nxp	J2a081	-	All	All	All
Hardware	Nxp	J2a081	-	All	All	All
Hardware	Nxp	J2d081 M59	-	All	All	All

Hardware	Nxp	J2d081 M59	-	All	All	All
Hardware	Nxp	J2d081 M61	-	All	All	All
Hardware	Nxp	J2d081 M61	-	All	All	All
Hardware	Nxp	J2d082 M60	-	All	All	All
Hardware	Nxp	J2d082 M60	-	All	All	All
Hardware	Nxp	J2d120 M60	-	All	All	All
Hardware	Nxp	J2d120 M60	-	All	All	All
Hardware	Nxp	J2d145 M59	-	All	All	All
Hardware	Nxp	J2d145 M59	-	All	All	All
Hardware	Nxp	J2e081 M64	-	All	All	All
Hardware	Nxp	J2e081 M64	-	All	All	All
Hardware	Nxp	J2e082 M65	-	All	All	All
Hardware	Nxp	J2e082 M65	-	All	All	All
Hardware	Nxp	J2e120 M65	-	All	All	All
Hardware	Nxp	J2e120 M65	-	All	All	All
Hardware	Nxp	J2e145 M64	-	All	All	All
Hardware	Nxp	J2e145 M64	-	All	All	All
Hardware	Nxp	J3a041	-	All	All	All
Hardware	Nxp	J3a041	-	All	All	All
Hardware	Nxp	J3d081 M59	-	All	All	All
Hardware	Nxp	J3d081 M59	-	All	All	All
Hardware	Nxp	J3d081 M59 Df	-	All	All	All
Hardware	Nxp	J3d081 M59 Df	-	All	All	All
Hardware	Nxp	J3d081 M61	-	All	All	All
Hardware	Nxp	J3d081 M61	-	All	All	All
Hardware	Nxp	J3d081 M61 Df	-	All	All	All
Hardware	Nxp	J3d081 M61 Df	-	All	All	All
Hardware	Nxp	J3d082 M60	-	All	All	All
Hardware	Nxp	J3d082 M60	-	All	All	All
Hardware	Nxp	J3d120 M60	-	All	All	All
Hardware	Nxp	J3d120 M60	-	All	All	All
Hardware	Nxp	J3d145 M59	-	All	All	All
Hardware	Nxp	J3d145 M59	-	All	All	All
Hardware	Nxp	J3e016 M64	-	All	All	All
Hardware	Nxp	J3e016 M64	-	All	All	All

Hardware	Nxp	J3e016 M64 Df	-	All	All	All
Hardware	Nxp	J3e016 M64 Df	-	All	All	All
Hardware	Nxp	J3e016 M66	-	All	All	All
Hardware	Nxp	J3e016 M66	-	All	All	All
Hardware	Nxp	J3e016 M66 Df	-	All	All	All
Hardware	Nxp	J3e016 M66 Df	-	All	All	All
Hardware	Nxp	J3e041 M64	-	All	All	All
Hardware	Nxp	J3e041 M64	-	All	All	All
Hardware	Nxp	J3e041 M64 Df	-	All	All	All
Hardware	Nxp	J3e041 M64 Df	-	All	All	All
Hardware	Nxp	J3e041 M66	-	All	All	All
Hardware	Nxp	J3e041 M66	-	All	All	All
Hardware	Nxp	J3e041 M66 Df	-	All	All	All
Hardware	Nxp	J3e041 M66 Df	-	All	All	All
Hardware	Nxp	J3e081 M64	-	All	All	All
Hardware	Nxp	J3e081 M64	-	All	All	All
Hardware	Nxp	J3e081 M64 Df	-	All	All	All
Hardware	Nxp	J3e081 M64 Df	-	All	All	All
Hardware	Nxp	J3e081 M66	-	All	All	All
Hardware	Nxp	J3e081 M66	-	All	All	All
Hardware	Nxp	J3e081 M66 Df	-	All	All	All
Hardware	Nxp	J3e081 M66 Df	-	All	All	All
Hardware	Nxp	J3e082 M65	-	All	All	All
Hardware	Nxp	J3e082 M65	-	All	All	All
Hardware	Nxp	J3e120 M65	-	All	All	All
Hardware	Nxp	J3e120 M65	-	All	All	All
Hardware	Nxp	J3e145 M64	-	All	All	All
Hardware	Nxp	J3e145 M64	-	All	All	All
Hardware	Nxp	P5010	-	All	All	All
Hardware	Nxp	P5010	-	All	All	All
Hardware	Nxp	P5020	-	All	All	All
Hardware	Nxp	P5020	-	All	All	All
Hardware	Nxp	P5021	-	All	All	All
Hardware	Nxp	P5021	-	All	All	All
Hardware	Nxp	P5040	-	All	All	All
Hardware	Nxp	P5040	-	All	All	All

Hardware	Nxp	P5040	-	All	All	All
Hardware	Nxp	Smartmx2 P60	-	All	All	All
Hardware	Nxp	Smartmx2 P60	-	All	All	All
Hardware	Nxp	Smartmx3 P71d320	-	All	All	All
Hardware	Nxp	Smartmx3 P71d320	-	All	All	All
Hardware	Nxp	Smartmx3 P71d321	-	All	All	All
Hardware	Nxp	Smartmx3 P71d321	-	All	All	All
Hardware	Yubico	Yubikey Neo	-	All	All	All
Hardware	Yubico	Yubikey Neo	-	All	All	All

References

Reference	Source	Link	Tags
ninjalab.io/wp-content/uploads/2021/01/a_side_journey_to_titan.pdf	MISC	ninjalab.io	Exploit, Technical Description, Third Party
A Side Journey to Titan - NinjaLab	MISC	ninjalab.io	Third Party Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[590982](#) Rockwell Automation ControlLogix, GuardLogix, Compact GuardLogix, CompactLogix Vulnerability (PN1542)

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