

Developer passive starter kit for Nordic IC

Nordic nRF52x32 & nRF51x22 IC has an integrated RF functionality including; Bluetooth® low energy ANT and 2.4GHz ultra low power communication. Our passive starter kit supports the reference design of the Nordic nRF52x32 & nRF51x22 with our range of capacitors, inductor, crystal and balun products .

Our latest kit will provide you with a comprehensive set of components with supporting part information to give everything you need to support your design when implementing the **nRF52x32** or **nRF51x22 IC**.

- Packaged in passive components in collaboration with Nordic for performance maximisation
- Kit with everything you need to support your design
- Optional components for small size application available

Visit our reference design page

Buy now

EKSM-PND51X22A-KIT
supporting nRF51x22 series

<http://go.murata.com/nrf51x22>



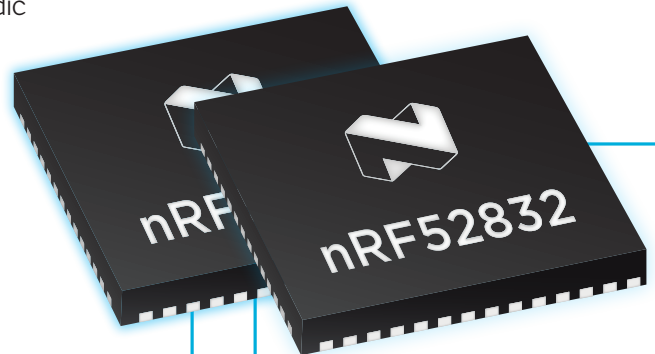
Buy now

EKSM-PND52X32A-KIT
supporting nRF52x32 series

<http://go.murata.com/nrf52x32>



in collaboration with
Nordic Semiconductor



Passive starter kit contents



Designator	Nordic				Murata					
	nRF52x32				Capacitor, Inductor, Timing Device, Balun					
	Description	QFN48 with internal LDO/low vol. mode	QFN48 With DC/	QFN48 With DC/DC and NFC	Status	Size	Description	Parts number	Remark	Kit QTY
C1, C2	12pF, NPO, +/-2%	2	2	2	Nordic confirmed	1.0x0.5(0402)	"(For X1:Murata XRC) 10pF, NPO, +/-2%"	GRM1555C1H100GA01		20
					Optional	0.6x0.3(0201)	"(For X1:Murata XRC) 10pF, NPO, +/-2%"	GRM0335C1H100GA01		20
C3	0.8pF, NPO, +/-5%	1	1	1	Nordic confirmed	1.0x0.5(0402)	0.8pF, NPO, +/-0.05pF	GRM1555C1HR80WA01		10
					Optional	0.6x0.3(0201)	0.8pF, NPO, +/-0.05pF	GRM0335C1HR80WA01		10
C4, C5, C8	100nF, X7R, +/-10%	3	3	3	Nordic confirmed	1.0x0.5(0402)	100nF, X7R, +/-10%	GRM155R71H104KE14		30
					Optional	0.6x0.3(0201)	100nF, X5R, +/-10%	GRM033R61C104KE14	Deviation	30
C6	N.C	N.C	N.C	N.C	-	-	-	-		-
C7	100pF, NPO, +/-5%	1	1	1	Nordic confirmed	1.0x0.5(0402)	100pF, NPO, +/-5%	GRM1555C1H101JA01		10
					Optional	0.6x0.3(0201)	100pF, NPO, +/-5%	GRM0335C1H101JA01		10
C9	4.7uF, X5R, +/-10%	1	1	1	Nordic confirmed	1.6x0.8(0603)	4.7uF, X5R, +/-10%	GRM188R61A475KE15		10
					Optional	1.0x0.5(0402)	4.7uF, X5R, +/-20%	GRM155R61A475MEAA	Deviation	10
C10	1.0uF, X7R, +/-10%	1	1	1	Nordic confirmed	1.6x0.8(0603)	1.0uF, X7R, +/-10%	GRM188R71A105KA61		10
					Optional	0.6x0.3(0201)	1.0uF, X5R, +/-20%	GRM033R61A105ME15	Deviation	10
C11, C12	12pF, NPO, +/-2%	2	2	2	Nordic confirmed	1.0x0.5(0402)	12pF, NPO, +/-2%	GRM1555C1H120GA01		20
					Optional	0.6x0.3(0201)	12pF, NPO, +/-2%	GRM0335C1H120GA01		20
Ctune1, tune2	TBD pF +/-5%	2	2	2	-	-	-	-		-
L1	3.9nH +/-5%	1	1	1	Nordic confirmed	1.0x0.5(0402)	4.7nH +/-5%	LQG15HS4N7C02		10
L2	10uH 50mA, +/-20%	0	1	1	Optional	1.6x0.8(0603)	10uH 50mA, +/-20%	LQM18FN100M00		10
L3	15nH +/-10%	0	1	1	Nordic confirmed	1.0x0.5(0402)	15nH +/-5%	LQG15HS15NJ02		10
X1	32MHz +/-40ppm	1	1	1	Nordic confirmed	1.6x1.2	32MHz +/-35ppm, Cs=6pF	XRCMD32M000FX-P54R0		10
					Nordic confirmed	2.0x1.6	32MHz +/-40ppm, Cs=6pF	XRCGB32M000F2P10R0		10
BAL	2.4-2.5GHz matching balun	0	0	1	Nordic confirmed	1.6x0.8(0603)	2.4-2.5GHz matching balun (QFN48)	LFL0Q2G45TR2E268		10

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Capacitor Kits](#) category:

Click to view products by [Murata](#) manufacturer:

Other Similar products are found below :

[1320838-1](#) [DK0035T](#) [KITMS11111](#) [DK0033T](#) [TS0002](#) [ALU ENG KIT 07](#) [GRM03-KIT-CLASS2-DE](#) [MKV250V-KIT-1-DE](#) [MKV250V-KIT-2-DE](#) [744114](#) [GCJ-KIT-X7-DE-A](#) [GJM022-KIT-TTOL-DE](#) [GRM02-KIT-DE](#) [ACCU-P0402KITL1](#) [KITTYPE2100 LF](#) [KITTYPE900 LF](#) [KITMS08051](#) [AY21-KIT-HF](#) [KIT3000UZ](#) [PPR ENG KIT 04](#) [ALU ENG KIT 02](#) [TAN ENG KIT 34](#) [CER ENG KIT 36](#) [ALU ENG KIT 01](#) [VY2-KIT-MS](#) [TS0003](#) [ACCU-P0201KITL2](#) [FPCAP-SMD-KIT](#) [DK0009](#) [885070](#) [ALU ENG KIT 03](#) [ALU ENG KIT 05](#) [ALU ENG KIT 06](#) [DK0008T](#) [DK0015](#) [DK0036T](#) [DK0037T](#) [DK0081T](#) [DK0060T](#) [ESRD-KIT9](#) [MCF1000VKIT6](#) [MICA-KIT1](#) [MIN300VKIT1](#) [HOTC-KIT-KH](#) [iKIT60MM2V7A2S](#) [S-0402](#) [S-0603](#) [S-0805](#) [S111DVE](#) [S111TVE](#)