

# Murata Kit P/N: FXQS-200004-KIT

## Murata Passive component for DA14531

Designator	Dialog		Murata			
	DA14531 FCGQFN DA14531 WLCSP		Capacitor Inductor Timing Device (CRYSTAL)			
	Description	Quantity	Parts Number	Description size mm (inch)	Description	Quantity [pcs]
C1	CAP CER 2.2UF ±20% 25V X5R 0402	1	GRM155R61E225ME15D	1.0x0.5 (0402)	2.2UF ±20% 25V X5R	10
C2	CAP CERAMIC 10uF ±20% 6.3V X5R 0402	1	GRJ155R60J106ME11D	1.0x0.5 (0402)	10uF ±20% 6.3V X5R	10
			GRM155R60J106ME05	1.0x0.5 (0402)	10uF ±20% 6.3V X5R(*1)	10
C3, C4	CAP CERAMIC 1UF ±10% 4V X7R 0402	2	GRM155R70G105KA12D	1.0x0.5 (0402)	1UF ±10% 4V X7R	20
Z1, Z3	CAP CER 1.8pF ±0.25pF 50V C0G (NP0) 0201	2	GRM0335C1H1R8CA01D	0.6x0.3 (0201)	1.8pF ±0.25pF 50V C0G (NP0)	20
Z4	CAP CERAMIC 1.0PF +/-0.1pF 50V C0G/NP0 0201	1	GRM0335C1H1R0BA01D	0.6x0.3 (0201)	1.0PF +/-0.1pF 50V C0G (NP0)	10
Z6	CAP CER 0.5pF ±0.1pF 50V C0G (NP0) 0201	1	GRM0335C1HR50BA01D	0.6x0.3 (0201)	0.5pF ±0.1pF 50V C0G (NP0)	10
Z9	CAP CERAMIC 10pF ±5% 25volts C0G/NP0 0201	1	GRM0335C1E100JA01D	0.6x0.3 (0201)	10pF ±5% 25V C0G (NP0)	10
Z2	INDUCTOR RF 3.3nH ±0.1nH 450MA DCr:0.25ohm (0201)	1	LQP03TN3N3B02D	0.6x0.3 (0201)	3.3nH ±0.1nH 450MA DCr:0.25ohm	10
Z4	INDUCTOR FIXED 5.6nH 3% 500MHz(0201)	1	LQP03TN5N6H02D	0.6x0.3 (0201)	5.6nH 3% 500MHz	10
L1	INDUCTOR FIXED 2.2UH ± 20% 1.7A 140 MOHM (0806)	1	DFE201610E-2R2M=P2	2.0x1.6 (0806)	2.2UH ± 20% 1.7A 140 MOHM	10
			LQM18PN2R2MFR	1.6x0.8 (0603)	2.2UH ± 20% 0.75A 375MOHM (*1)	10
Y1	CRYSTAL 32.0000MHZ 6PF, ±20ppm tol & stab (2.00mm x 1.60mm)	1	XRCGB32M000F1H00R0	2.0x1.6	32.0000MHZ 6PF, ±20ppm tol & stab	10
			XRCGB32M000F2P55R0	2.0x1.6	32.0000MHZ 6PF, ±10ppm tol, & ±20ppm stab (*1)	10

\*1: Value engineering products, Meets the DA14531 specification

Note: You have to verify on your actual circuit board before your production. Please don't ship out your completed products with these samples to the market.