

STEVAL-ISA190V1: BOM details

| Reference | Description | Part number | Manufacturer |
|---------------------|-------------------------------------|-----------------|--------------------|
| C1, C9, C10 | 10 μ F 50 V X5R 10% | CGA5L3X5R1H106K | TDK |
| C2 | 1 μ F 100 V X7S 10% | C2012X7S2A105K | TDK |
| C3 | 470 nF 10 V X7R 10% | | |
| C4 | 2.2 pF 10 V X7R 10% | | |
| C5 | 68 nF 10 V X7R 10% | | |
| C6 | 10 nF 10 V X7R 10% | | |
| C7, C11, C13, C13A | NOT MOUNTED | | |
| C8 | 120 pF 10 V X7R 10% | | |
| C14, C15, C16 | 4.7 μ F 50 V X5R 10% | CGA5L3X5R1H475K | TDK |
| L1 | 10 μ H | XAL5050-103MEC | Coilcraft |
| L2 | 4.7 μ H | XAL4030-472MEC | Coilcraft |
| L3 | EMC BEAD | MPZ2012S221A | TDK |
| R2, R3, R5, R9, R10 | NOT MOUNTED | | |
| R1, R4, R7 | 0R | | |
| R6 | 1 Meg 1% | | |
| R8 | 100k 1% | | |
| R11 | 10R 1% | | |
| J1 | SS/INH control | OPEN | |
| J5 | IS _{KIP} set to High Level | OPEN | |
| J2 | Switchover Disabled | CLOSED | |
| J3 | | OPEN | |
| J4 | | OPEN | |
| U1 | A6986F | | STMicroelectronics |