

STEVAL-CCA007V1 Bill Of Material

| Designator | Description | Supplier description | Supplier | Supplier's reference | Footprint | Quantity |
|------------|---------------------------|-------------------------------|--------------------|----------------------|-----------|----------|
| C1 | Capacitor (Surface Mount) | CAPACITOR, 1uF X5R 16V 0603 | Farnell | 1288256 | SMD_0603 | 1 |
| C2 | Capacitor (Surface Mount) | CAPACITOR, 1uF X5R 16V 0603 | Farnell | 1288256 | SMD_0603 | 1 |
| C3 | Capacitor (Surface Mount) | CAPACITOR, 1uF X5R 16V 0603 | Farnell | 1288256 | SMD_0603 | 1 |
| C13 | Capacitor (Surface Mount) | CAPACITOR, 220NF X7R 16V 0603 | Farnell | 1414032 | SMD_0603 | 1 |
| C14 | Capacitor (Surface Mount) | CAPACITOR, 220NF X7R 16V 0603 | Farnell | 1414032 | SMD_0603 | 1 |
| C23 | Capacitor (Surface Mount) | CAPACITOR, 220NF X7R 16V 0603 | Farnell | 1414032 | SMD_0603 | 1 |
| C24 | Capacitor (Surface Mount) | CAPACITOR, 220NF X7R 16V 0603 | Farnell | 1414032 | SMD_0603 | 1 |
| P1 | Header, 2-Pin | Header, 2-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X2 | 1 |
| P2 | Header, 3-Pin | Header, 3-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X3 | 1 |
| P3 | Header, 3-Pin | Header, 3-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X3 | 1 |
| P4 | Header, 3-Pin | Header, 3-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X3 | 1 |
| P5 | Header, 3-Pin | Header, 3-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X3 | 1 |
| P11 | Header, 2-Pin | Header, 2-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X2 | 1 |
| P12 | Header, 2-Pin | Header, 2-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X2 | 1 |
| P13 | Header, 2-Pin | Header, 2-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X2 | 1 |
| P14 | Header, 2-Pin | Header, 2-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X2 | 1 |
| P15 | Header, 2-Pin | Header, 2-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X2 | 1 |
| P16 | Header, 2-Pin | Header, 2-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X2 | 1 |
| P21 | Header, 2-Pin | Header, 2-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X2 | 1 |
| P22 | Header, 2-Pin | Header, 2-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X2 | 1 |
| P23 | Header, 2-Pin | Header, 2-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X2 | 1 |
| P24 | Header, 2-Pin | Header, 2-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X2 | 1 |
| P25 | Header, 2-Pin | Header, 2-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X2 | 1 |
| P26 | Header, 2-Pin | Header, 2-Pin, pitch 2.54mm | Harwin | M20-9770206 | HDR1X2 | 1 |
| J1 | Jumper placed on P2 | Jumper pitch 2.54mm | Harwin | M7567-06 | | 1 |
| J2 | Jumper placed on P3 | Jumper pitch 2.54mm | Harwin | M7567-06 | | 1 |
| J3 | Jumper placed on P4 | Jumper pitch 2.54mm | Harwin | M7567-06 | | 1 |
| J4 | Jumper placed on P5 | Jumper pitch 2.54mm | Harwin | M7567-06 | | 1 |
| U1 | Audio class D amplifier | TS2012IQT | STMicroelectronics | | QFN20 | 1 |