

Document reference:		PCB reference:	
DEMO CLASS D Bill of Materials		STEVAL-CCA025V1	
Company:			
STMicroelectronics			
Designator	Part Type	Footprint	Description
D1	1N4148	DIODE0.4	Diode
D2	1N4148	DIODE0.4	Diode
R9	1k	603	Resistor
R3	1k	603	Resistor
C9	2.2nF	603	Capacitor
C10	2.2nF	603	Capacitor
C7	2.2uF	603	Capacitor
C3	2.2uF	603	Capacitor
C2	2.2uF	603	Capacitor
C6	2.2uF	603	Capacitor
C1	2.2uF	603	Capacitor
C5	2.2uF	603	Capacitor
C4	2.2uF	603	Capacitor
L1	2.2uH	LQM2MPN2R2_MURATA	Self
R8	2k2	603	Resistor
R7	10k	603	Resistor
R6	10k	603	Resistor
C8	10uF	603	Capacitor
R2	12	603	Resistor
R1	12	603	Resistor
R5	100	603	Resistor
R4	180	603	Resistor
J2	DB9	DB9RA/F	serial connector
U2	KP1040	DIP16	
Cn2	HE13 (2.54mm)	SIP4	Left Input
Cn1	HE13 (2.54mm)	SIP2	Power
Cn9	HE13 (2.54mm)	SIP4	Right Input
Cn6	HE13 (2.54mm)	SIP2	SCL
Cn7	HE13 (2.54mm)	SIP2	SDA
U1	TS4621E_FC	FC_16bumps_400um	TS4621E flip-chip
Cn3	HE13 (2.54mm)	SIP2	Jumper
Cn4	HE13 (2.54mm)	SIP2	Left Output
Cn5	HE13 (2.54mm)	SIP2	Right Output
Q1	2N7000	SOT23	MOS N
Q2	2N7000	SOT23	MOS N
Q3	2N7000	SOT23	MOS N
Cn8	HE13 (2.54mm)	SIP2	Power I2C