

Designator	Value	Description	Part number	Footprint	istributor's Part Number
C1	47uF 35v	Capacitor, Tantalum	AVX TPSE476K035R	X	Farnell 113-5125
C1_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C1_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C1_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C1_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C2	47uF 35v	Solid Tantalum Chip	AVX TPSE476K035R	X	Farnell 113-5125
C2_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C2_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C2_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C2_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C3	47uF 35v	Solid Tantalum Chip	AVX TPSE476K035R	X	Farnell 113-5125
C3_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C3_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C3_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C3_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C4	47uF 35v	Solid Tantalum Chip	AVX TPSE476K035R	X	Farnell 113-5125
C4_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C4_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C4_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C4_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C5	47uF 35v	Capacitor, Tantalum	AVX TPSE476K035R	X	Farnell 113-5125
C5_CH1	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C5_CH2	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C5_CH3	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C5_CH4	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C6	47uF 35v	Solid Tantalum Chip	AVX TPSE476K035R	X	Farnell 113-5125
C6_CH1	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C6_CH2	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C6_CH3	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C6_CH4	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C7_CH1	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C7_CH2	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C7_CH3	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C7_CH4	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C8_CH1	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C8_CH2	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C8_CH3	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C8_CH4	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C9_CH1	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C9_CH2	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C9_CH3	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C9_CH4	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C10_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C10_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C10_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C10_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C11_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C11_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C11_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C11_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C12_CH1	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C12_CH2	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C12_CH3	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C12_CH4	47uF 35V	Polarized Capacitor (\$	AVX - TPSE476K035	7343-43	Farnell 113-5125
C13_CH1	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646

C13_CH2	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C13_CH3	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C13_CH4	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C14_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C14_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C14_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C14_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C16_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C16_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C16_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C16_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C17_CH1	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C17_CH2	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C17_CH3	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C17_CH4	100nF	Capacitor, Ceramic	PHYCOMP 2238 581	C1206	Farnell 718-646
C19_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C19_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C19_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C19_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C20_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C20_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C20_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C20_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C21_CH1	100nF	Capacitor, Polyester	EPCOS - B32529C10	RAD-0.2	Farnell 975-0878
C21_CH2	100nF	Capacitor, Polyester	EPCOS - B32529C10	RAD-0.2	Farnell 975-0878
C21_CH3	100nF	Capacitor, Polyester	EPCOS - B32529C10	RAD-0.2	Farnell 975-0878
C21_CH4	100nF	Capacitor, Polyester	EPCOS - B32529C10	RAD-0.2	Farnell 975-0878
C22_CH1	4.7uF	Capacitor, Polyester	Vishay MKT18205470	RAD-0.6	Farnell 141-3754
C22_CH2	4.7uF	Capacitor, Polyester	Vishay MKT18205470	RAD-0.6	Farnell 141-3754
C22_CH3	4.7uF	Capacitor, Polyester	Vishay MKT18205470	RAD-0.6	Farnell 141-3754
C22_CH4	4.7uF	Capacitor, Polyester	Vishay MKT18205470	RAD-0.6	Farnell 141-3754
C24_CH1	100nF	Capacitor (Semicondu	PHYCOMP 2238 581	C1206	Farnell 718-646
C24_CH2	100nF	Capacitor (Semicondu	PHYCOMP 2238 581	C1206	Farnell 718-646
C24_CH3	100nF	Capacitor (Semicondu	PHYCOMP 2238 581	C1206	Farnell 718-646
C24_CH4	100nF	Capacitor (Semicondu	PHYCOMP 2238 581	C1206	Farnell 718-646
C25_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C25_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C25_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C25_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C26_CH1	100nF	Capacitor, Polyester	EPCOS - B32529C10	RAD-0.2	Farnell 975-0878
C26_CH2	100nF	Capacitor, Polyester	EPCOS - B32529C10	RAD-0.2	Farnell 975-0878
C26_CH3	100nF	Capacitor, Polyester	EPCOS - B32529C10	RAD-0.2	Farnell 975-0878
C26_CH4	100nF	Capacitor, Polyester	EPCOS - B32529C10	RAD-0.2	Farnell 975-0878
C27_CH1	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C27_CH2	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C27_CH3	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C27_CH4	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C28_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C28_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C28_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C28_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C29_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C29_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C29_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C29_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C30_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646

C30_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C30_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C30_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C31_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C31_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C31_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C31_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C32_CH1	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C32_CH2	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C32_CH3	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C32_CH4	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C50_CH1	10uF	Capacitor	MKT1820610065	RAD-0.6	Farnell 141-3755
C50_CH2	10uF	Capacitor	MKT1820610065	RAD-0.6	Farnell 141-3755
C50_CH3	10uF	Capacitor	MKT1820610065	RAD-0.6	Farnell 141-3755
C50_CH4	10uF	Capacitor	MKT1820610065	RAD-0.6	Farnell 141-3755
C51_CH1	10uF	Capacitor	MKT1820610065	RAD-0.6	Farnell 141-3755
C51_CH2	10uF	Capacitor	MKT1820610065	RAD-0.6	Farnell 141-3755
C51_CH3	10uF	Capacitor	MKT1820610065	RAD-0.6	Farnell 141-3755
C51_CH4	10uF	Capacitor	MKT1820610065	RAD-0.6	Farnell 141-3755
C100_CH1	3n3	Capacitor, Polyester	EPCOS - B32529C33	RAD-0.2	Farnell 975-2927
C100_CH2	3n3	Capacitor, Polyester	EPCOS - B32529C33	RAD-0.2	Farnell 975-2927
C100_CH3	3n3	Capacitor, Polyester	EPCOS - B32529C33	RAD-0.2	Farnell 975-2927
C100_CH4	3n3	Capacitor, Polyester	EPCOS - B32529C33	RAD-0.2	Farnell 975-2927
C101_CH1	3n3	Capacitor, Polyester	EPCOS - B32529C33	RAD-0.2	Farnell 975-2927
C101_CH2	3n3	Capacitor, Polyester	EPCOS - B32529C33	RAD-0.2	Farnell 975-2927
C101_CH3	3n3	Capacitor, Polyester	EPCOS - B32529C33	RAD-0.2	Farnell 975-2927
C101_CH4	3n3	Capacitor, Polyester	EPCOS - B32529C33	RAD-0.2	Farnell 975-2927
C102_CH1	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C102_CH2	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C102_CH3	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C102_CH4	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C103_CH1	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C103_CH2	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C103_CH3	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C103_CH4	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C104_CH1	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C104_CH2	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C104_CH3	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C104_CH4	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C105_CH1	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C105_CH2	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C105_CH3	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C105_CH4	33pF	Capacitor, Silvered M	Cornell Dubilier CD15	RAD-0.2	Farnell 126-4873
C110_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C110_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C110_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C110_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C111_CH1	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C111_CH2	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C111_CH3	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C111_CH4	100nF	Capacitor	PHYCOMP 2238 581	C1206	Farnell 718-646
C113_CH1	10nF	Capacitor		C1206	Farnell 360-6156
C113_CH2	10nF	Capacitor		C1206	Farnell 360-6156
C113_CH3	10nF	Capacitor		C1206	Farnell 360-6156
C113_CH4	10nF	Capacitor		C1206	Farnell 360-6156
C114_CH1	10nF	Capacitor		C1206	Farnell 360-6156

C114_CH2	10nF	Capacitor		C1206	Farnell 360-6156
C114_CH3	10nF	Capacitor		C1206	Farnell 360-6156
C114_CH4	10nF	Capacitor		C1206	Farnell 360-6156
D1		Diode	RS2G	SMB	Farnell 955-0321
D1_CH1		Diode	RS2G	SMB	Farnell 955-0321
D1_CH2		Diode	RS2G	SMB	Farnell 955-0321
D1_CH3		Diode	RS2G	SMB	Farnell 955-0321
D1_CH4		Diode	RS2G	SMB	Farnell 955-0321
D2		Diode	RS2G	SMB	Farnell 955-0321
D3		Diode	RS2G	SMB	Farnell 955-0321
D4		Diode	RS2G	SMB	Farnell 955-0321
D5		Diode	RS2G	SMB	Farnell 955-0321
D6		Diode	RS2G	SMB	Farnell 955-0321
D8_CH1		Diode	RS2G	SMB	Farnell 955-0321
D8_CH2		Diode	RS2G	SMB	Farnell 955-0321
D8_CH3		Diode	RS2G	SMB	Farnell 955-0321
D8_CH4		Diode	RS2G	SMB	Farnell 955-0321
D10_CH1		Diode	RS2G	SMB	Farnell 955-0321
D10_CH2		Diode	RS2G	SMB	Farnell 955-0321
D10_CH3		Diode	RS2G	SMB	Farnell 955-0321
D10_CH4		Diode	RS2G	SMB	Farnell 955-0321
D13_CH1		Diode	RS2G	SMB	Farnell 955-0321
D13_CH2		Diode	RS2G	SMB	Farnell 955-0321
D13_CH3		Diode	RS2G	SMB	Farnell 955-0321
D13_CH4		Diode	RS2G	SMB	Farnell 955-0321
DS1	Green	LED	67-1304	LED-1	Digikey 67-1304
DS2	Green	LED	67-1304	LED-1	Digikey 67-1304
IC1_CH1		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC1_CH2		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC1_CH3		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC1_CH4		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC2_CH1		Operational Amplifier	AD8671ARZ	SO-8C_N	Farnell 114-3298
IC2_CH2		Operational Amplifier	AD8671ARZ	SO-8C_N	Farnell 114-3298
IC2_CH3		Operational Amplifier	AD8671ARZ	SO-8C_N	Farnell 114-3298
IC2_CH4		Operational Amplifier	AD8671ARZ	SO-8C_N	Farnell 114-3298
IC4_CH1		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC4_CH2		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC4_CH3		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC4_CH4		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC5_CH1		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC5_CH2		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC5_CH3		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC5_CH4		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC6_CH1		Operational Amplifier	AD8671ARZ	SO-8C_N	Farnell 114-3298
IC6_CH2		Operational Amplifier	AD8671ARZ	SO-8C_N	Farnell 114-3298
IC6_CH3		Operational Amplifier	AD8671ARZ	SO-8C_N	Farnell 114-3298
IC6_CH4		Operational Amplifier	AD8671ARZ	SO-8C_N	Farnell 114-3298
IC8_CH1		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC8_CH2		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC8_CH3		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC8_CH4		Operational Amplifier	AD797ARZ	SO-8C_N	Farnell 942-6450
IC9_CH1		Operational Amplifier	LT1792ACS8	S8_N	Farnell 133-0698 (B v
IC9_CH2		Operational Amplifier	LT1792ACS8	S8_N	Farnell 133-0698 (B v
IC9_CH3		Operational Amplifier	LT1792ACS8	S8_N	Farnell 133-0698 (B v
IC9_CH4		Operational Amplifier	LT1792ACS8	S8_N	Farnell 133-0698 (B v
IC10_CH1		Operational Amplifier	LT1792ACS8	S8_N	Farnell 133-0698 (B v

IC10_CH2		Operational Amplifier	LT1792ACS8	S8_N	Farnell 133-0698 (B v
IC10_CH3		Operational Amplifier	LT1792ACS8	S8_N	Farnell 133-0698 (B v
IC10_CH4		Operational Amplifier	LT1792ACS8	S8_N	Farnell 133-0698 (B v
IC11_CH1		5A power op amp with	OPA548T-1	TO220-7PIN-FLAT	Farnell 985-8083
IC11_CH2		5A power op amp with	OPA548T-1	TO220-7PIN-FLAT	Farnell 985-8083
IC11_CH3		5A power op amp with	OPA548T-1	TO220-7PIN-FLAT	Farnell 985-8083
IC11_CH4		5A power op amp with	OPA548T-1	TO220-7PIN-FLAT	Farnell 985-8083
IC12_CH1		5A power op amp with	OPA548T-1	TO220-7PIN-FLAT	Farnell 985-8083
IC12_CH2		5A power op amp with	OPA548T-1	TO220-7PIN-FLAT	Farnell 985-8083
IC12_CH3		5A power op amp with	OPA548T-1	TO220-7PIN-FLAT	Farnell 985-8083
IC12_CH4		5A power op amp with	OPA548T-1	TO220-7PIN-FLAT	Farnell 985-8083
J1		Receptacle Assembly	Dsub 25 RA Female	DSUB1.385-2H25A	RS 495-9782
J2		Receptacle Assembly		DSUB1.385-2H9	RS 495-9760
J3		Plug Assembly, Size			RS 495-9710
J4		Receptacle Assembly	Dsub 15 RA Female	DSUB1.385-2H15	RS 495-9776
J5		Receptacle Assembly		DSUB1.385-2H9	RS 495-9760
J6		DB37 connector	Tyco 1-1634587-2	DB37RA/F	RS 495-9798
J7		DB37 connector	Tyco 1-1634583-2	DB37RA/M	RS 495-9748
J8		Plug Assembly, Size			RS 495-9710
K2_CH1		DPDT PCB MOUNT F		SOP8	Farnell 444-6197
K2_CH2		DPDT PCB MOUNT F		SOP8	Farnell 444-6197
K2_CH3		DPDT PCB MOUNT F		SOP8	Farnell 444-6197
K2_CH4		DPDT PCB MOUNT F		SOP8	Farnell 444-6197
K3_CH1		DPDT PCB MOUNT F		SOP8	Farnell 444-6197
K3_CH2		DPDT PCB MOUNT F		SOP8	Farnell 444-6197
K3_CH3		DPDT PCB MOUNT F		SOP8	Farnell 444-6197
K3_CH4		DPDT PCB MOUNT F		SOP8	Farnell 444-6197
P1		Header, 8-Pin, Dual r	Amp 1761602-6	HDR2X8	Farnell 110-7927
P2		Header, 4-Pin, Right /	26-60-5040	HEADER4	Farnell 146-2949
Q1_CH1		Transistor NPN SOT2		SOT23	Farnell 147-1188
Q1_CH2		Transistor NPN SOT2		SOT23	Farnell 147-1188
Q1_CH3		Transistor NPN SOT2		SOT23	Farnell 147-1188
Q1_CH4		Transistor NPN SOT2		SOT23	Farnell 147-1188
Q2_CH1		Transistor NPN SOT2		SOT23	Farnell 147-1188
Q2_CH2		Transistor NPN SOT2		SOT23	Farnell 147-1188
Q2_CH3		Transistor NPN SOT2		SOT23	Farnell 147-1188
Q2_CH4		Transistor NPN SOT2		SOT23	Farnell 147-1188
R1	2K2		MMA0204	1206	Farnell 308-7827
R1_CH1	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R1_CH2	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R1_CH3	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R1_CH4	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R2	2.K2		MMA0204	1206	Farnell 308-7827
R2_CH1	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R2_CH2	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R2_CH3	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R2_CH4	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R3_CH1	2K2	Resistor	MMA0204	3216[1206]	Farnell 308-7827
R3_CH2	2K2	Resistor	MMA0204	3216[1206]	Farnell 308-7827
R3_CH3	2K2	Resistor	MMA0204	3216[1206]	Farnell 308-7827
R3_CH4	2K2	Resistor	MMA0204	3216[1206]	Farnell 308-7827
R5_CH1	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R5_CH2	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R5_CH3	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R5_CH4	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R7_CH1	16k	Resistor	MMA0204	3216[1206]	Farnell 308-6239

R7_CH2	16k	Resistor	MMA0204	3216[1206]	Farnell 308-6239
R7_CH3	16k	Resistor	MMA0204	3216[1206]	Farnell 308-6239
R7_CH4	16k	Resistor	MMA0204	3216[1206]	Farnell 308-6239
R8_CH1	4k3	Resistor	MMA0204	3216[1206]	Farnell 308-6094
R8_CH2	4k3	Resistor	MMA0204	3216[1206]	Farnell 308-6094
R8_CH3	4k3	Resistor	MMA0204	3216[1206]	Farnell 308-6094
R8_CH4	4k3	Resistor	MMA0204	3216[1206]	Farnell 308-6094
R10_CH1	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R10_CH2	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R10_CH3	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R10_CH4	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R11_CH1	3K3	Resistor	MMA0204	3216[1206]	Farnell 308-7840
R11_CH2	3K3	Resistor	MMA0204	3216[1206]	Farnell 308-7840
R11_CH3	3K3	Resistor	MMA0204	3216[1206]	Farnell 308-7840
R11_CH4	3K3	Resistor	MMA0204	3216[1206]	Farnell 308-7840
R13_CH1	100	Resistor	MMA0204	3216[1206]	Farnell 308-7669
R13_CH2	100	Resistor	MMA0204	3216[1206]	Farnell 308-7669
R13_CH3	100	Resistor	MMA0204	3216[1206]	Farnell 308-7669
R13_CH4	100	Resistor	MMA0204	3216[1206]	Farnell 308-7669
R15_CH1	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R15_CH2	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R15_CH3	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R15_CH4	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R16_CH1	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R16_CH2	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R16_CH3	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R16_CH4	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R19_CH1	1M	Resistor	MMA0204	3216[1206]	Farnell 308-8145
R19_CH2	1M	Resistor	MMA0204	3216[1206]	Farnell 308-8145
R19_CH3	1M	Resistor	MMA0204	3216[1206]	Farnell 308-8145
R19_CH4	1M	Resistor	MMA0204	3216[1206]	Farnell 308-8145
R20_CH1	2K2	Resistor	MMA0204	3216[1206]	Farnell 308-7827
R20_CH2	2K2	Resistor	MMA0204	3216[1206]	Farnell 308-7827
R20_CH3	2K2	Resistor	MMA0204	3216[1206]	Farnell 308-7827
R20_CH4	2K2	Resistor	MMA0204	3216[1206]	Farnell 308-7827
R22_CH1	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R22_CH2	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R22_CH3	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R22_CH4	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R23_CH1	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R23_CH2	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R23_CH3	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R23_CH4	22R	Resistor	Tyco 3W SMF	SM_3	Farnell 308-6386
R25_CH1	16K	Resistor	MMA0204	3216[1206]	Farnell 308-6239
R25_CH2	16K	Resistor	MMA0204	3216[1206]	Farnell 308-6239
R25_CH3	16K	Resistor	MMA0204	3216[1206]	Farnell 308-6239
R25_CH4	16K	Resistor	MMA0204	3216[1206]	Farnell 308-6239
R26_CH1	4k3	Resistor	MMA0204	3216[1206]	Farnell 308-6094
R26_CH2	4k3	Resistor	MMA0204	3216[1206]	Farnell 308-6094
R26_CH3	4k3	Resistor	MMA0204	3216[1206]	Farnell 308-6094
R26_CH4	4k3	Resistor	MMA0204	3216[1206]	Farnell 308-6094
R27_CH1	100	Resistor	MMA0204	3216[1206]	Farnell 308-7669
R27_CH2	100	Resistor	MMA0204	3216[1206]	Farnell 308-7669
R27_CH3	100	Resistor	MMA0204	3216[1206]	Farnell 308-7669
R27_CH4	100	Resistor	MMA0204	3216[1206]	Farnell 308-7669
R28_CH1	100	Resistor	MMA0204	3216[1206]	Farnell 308-7669

R111_CH2	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R111_CH3	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R111_CH4	10K	Resistor	MMA0204	3216[1206]	Farnell 308-7906
R112_CH1	2K2	Resistor	MMA0204	3216[1206]	Farnell 308-7827
R112_CH2	2K2	Resistor	MMA0204	3216[1206]	Farnell 308-7827
R112_CH3	2K2	Resistor	MMA0204	3216[1206]	Farnell 308-7827
R112_CH4	2K2	Resistor	MMA0204	3216[1206]	Farnell 308-7827
R119_CH1	470R	Resistor	MMA0204	3216[1206]	Farnell 308-7748
R119_CH2	470R	Resistor	MMA0204	3216[1206]	Farnell 308-7748
R119_CH3	470R	Resistor	MMA0204	3216[1206]	Farnell 308-7748
R119_CH4	470R	Resistor	MMA0204	3216[1206]	Farnell 308-7748
R120_CH1	0R	Resistor	MMA0204	3216[1206]	Farnell 308-7414
R120_CH2	0R	Resistor	MMA0204	3216[1206]	Farnell 308-7414
R120_CH3	0R	Resistor	MMA0204	3216[1206]	Farnell 308-7414
R120_CH4	0R	Resistor	MMA0204	3216[1206]	Farnell 308-7414
R121_CH1	0R	Resistor	MMA0204	3216[1206]	Farnell 308-7414
R121_CH2	0R	Resistor	MMA0204	3216[1206]	Farnell 308-7414
R121_CH3	0R	Resistor	MMA0204	3216[1206]	Farnell 308-7414
R121_CH4	0R	Resistor	MMA0204	3216[1206]	Farnell 308-7414
R122_CH1	270K	Resistor	MMA0204	3216[1206]	Farnell 308-8078
R122_CH2	270K	Resistor	MMA0204	3216[1206]	Farnell 308-8078
R122_CH3	270K	Resistor	MMA0204	3216[1206]	Farnell 308-8078
R122_CH4	270K	Resistor	MMA0204	3216[1206]	Farnell 308-8078
R123_CH1	270K	Resistor	MMA0204	3216[1206]	Farnell 308-8078
R123_CH2	270K	Resistor	MMA0204	3216[1206]	Farnell 308-8078
R123_CH3	270K	Resistor	MMA0204	3216[1206]	Farnell 308-8078
R123_CH4	270K	Resistor	MMA0204	3216[1206]	Farnell 308-8078
TP1		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP1_CH1		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP1_CH2		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP1_CH3		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP1_CH4		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP2		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP2_CH1		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP2_CH2		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP2_CH3		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP2_CH4		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP3		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP3_CH1		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP3_CH2		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP3_CH3		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP3_CH4		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP4		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP4_CH1		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP4_CH2		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP4_CH3		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP4_CH4		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP5		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP6		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP7_CH1		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP7_CH2		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP7_CH3		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP7_CH4		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP9_CH1		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP9_CH2		Tie Point		TP_SMT	Digi-Key 5016KCT-NC
TP9_CH3		Tie Point		TP_SMT	Digi-Key 5016KCT-NC

TP9_CH4		Tie Point		TP_SMT	Digi-Key 5016KCT-NE
TP10_CH1		Tie Point		TP_SMT	Digi-Key 5016KCT-NE
TP10_CH2		Tie Point		TP_SMT	Digi-Key 5016KCT-NE
TP10_CH3		Tie Point		TP_SMT	Digi-Key 5016KCT-NE
TP10_CH4		Tie Point		TP_SMT	Digi-Key 5016KCT-NE
TP11_CH1		Tie Point		TP_SMT	Digi-Key 5016KCT-NE
TP11_CH2		Tie Point		TP_SMT	Digi-Key 5016KCT-NE
TP11_CH3		Tie Point		TP_SMT	Digi-Key 5016KCT-NE
TP11_CH4		Tie Point		TP_SMT	Digi-Key 5016KCT-NE
TP13_CH1		Tie Point		TP_SMT	Digi-key 5016KCT-ND
TP13_CH2		Tie Point		TP_SMT	Digi-key 5016KCT-ND
TP13_CH3		Tie Point		TP_SMT	Digi-key 5016KCT-ND
TP13_CH4		Tie Point		TP_SMT	Digi-key 5016KCT-ND
TP14_CH1		Tie Point		TP_SMT	Digi-Key 5016KCT-NE
TP14_CH2		Tie Point		TP_SMT	Digi-Key 5016KCT-NE
TP14_CH3		Tie Point		TP_SMT	Digi-Key 5016KCT-NE
TP14_CH4		Tie Point		TP_SMT	Digi-Key 5016KCT-NE
U1	+12v	1A Low-Dropout Regu		TS3B	Farnell 953-416
U2	+15v	1A Low-Dropout Regu		TS3B	Farnell 156-4643
U3	-15v	Negative Low-Dropou		TS3B	Farnell 115-0166
W1_CH1		Jumper Link		RAD-0.1	Farnell 973-1075
W1_CH2		Jumper Link		RAD-0.1	Farnell 973-1075
W1_CH3		Jumper Link		RAD-0.1	Farnell 973-1075
W1_CH4		Jumper Link		RAD-0.1	Farnell 973-1075
W2_CH1		Jumper Link		RAD-0.1	Farnell 973-1075
W2_CH2		Jumper Link		RAD-0.1	Farnell 973-1075
W2_CH3		Jumper Link		RAD-0.1	Farnell 973-1075
W2_CH4		Jumper Link		RAD-0.1	Farnell 973-1075
W4_CH1		Jumper Link		RAD-0.1	Farnell 973-1075
W4_CH2		Jumper Link		RAD-0.1	Farnell 973-1075
W4_CH3		Jumper Link		RAD-0.1	Farnell 973-1075
W4_CH4		Jumper Link		RAD-0.1	Farnell 973-1075
W5_CH1		Jumper Link		RAD-0.1	Farnell 973-1075
W5_CH2		Jumper Link		RAD-0.1	Farnell 973-1075
W5_CH3		Jumper Link		RAD-0.1	Farnell 973-1075
W5_CH4		Jumper Link		RAD-0.1	Farnell 973-1075
W6_CH1		Jumper Link		RAD-0.1	Farnell 973-1075
W6_CH2		Jumper Link		RAD-0.1	Farnell 973-1075
W6_CH3		Jumper Link		RAD-0.1	Farnell 973-1075
W6_CH4		Jumper Link		RAD-0.1	Farnell 973-1075

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