

Designator	Value	Description	Part number	Footprint
C1	47uF 35v	Capacitor, Tantalum	AVX TPSE476K035R X	
C1_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C1_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C1_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C1_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C2	47uF 35v	Solid Tantalum Chip Capacitor, Stan	AVX TPSE476K035R X	
C2_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C2_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C2_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C2_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C3	47uF 35v	Solid Tantalum Chip Capacitor, Stan	AVX TPSE476K035R X	
C3_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C3_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C3_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C3_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C4	47uF 35v	Solid Tantalum Chip Capacitor, Stan	AVX TPSE476K035R X	
C4_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C4_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C4_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C4_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C5	47uF 35v	Capacitor, Tantalum	AVX TPSE476K035R X	
C5_CH1	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C5_CH2	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C5_CH3	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C5_CH4	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C6	47uF 35v	Solid Tantalum Chip Capacitor, Stan	AVX TPSE476K035R X	
C6_CH1	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C6_CH2	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C6_CH3	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C6_CH4	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C7_CH1	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206	
C7_CH2	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206	
C7_CH3	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206	
C7_CH4	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206	
C8_CH1	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206	
C8_CH2	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206	
C8_CH3	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206	
C8_CH4	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206	
C9_CH1	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C9_CH2	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C9_CH3	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C9_CH4	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C10_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C10_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C10_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C10_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C11_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C11_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C11_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C11_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206	
C12_CH1	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C12_CH2	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C12_CH3	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C12_CH4	47uF 35V	Polarized Capacitor (Surface Mount)	AVX - TPSE476K035I 7343-43	
C13_CH1	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206	

C13_CH2	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206
C13_CH3	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206
C13_CH4	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206
C14_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206
C14_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206
C14_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206
C14_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206
C16_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206
C16_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206
C16_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206
C16_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206
C17_CH1	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206
C17_CH2	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206
C17_CH3	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206
C17_CH4	100nF	Capacitor, Ceramic	PHYCOMP 2238 581 C1206
C19_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206
C19_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206
C19_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206
C19_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206
C20_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206
C20_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206
C20_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206
C20_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206
C21_CH1	1nF	Capacitor, Polypropylene	WIMA - FKP2 1000P RAD-0.2
C21_CH2	1nF	Capacitor, Polypropylene	WIMA - FKP2 1000P RAD-0.2
C21_CH3	1nF	Capacitor, Polypropylene	WIMA - FKP2 1000P RAD-0.2
C21_CH4	1nF	Capacitor, Polypropylene	WIMA - FKP2 1000P RAD-0.2
C22_CH1	4.7uF	Capacitor, Polyester	Vishay MKT1820547 RAD-0.6
C22_CH2	4.7uF	Capacitor, Polyester	Vishay MKT1820547 RAD-0.6
C22_CH3	4.7uF	Capacitor, Polyester	Vishay MKT1820547 RAD-0.6
C22_CH4	4.7uF	Capacitor, Polyester	Vishay MKT1820547 RAD-0.6
C24_CH1	100nF	Capacitor (Semiconductor SIM Mode	PHYCOMP 2238 581 C1206
C24_CH2	100nF	Capacitor (Semiconductor SIM Mode	PHYCOMP 2238 581 C1206
C24_CH3	100nF	Capacitor (Semiconductor SIM Mode	PHYCOMP 2238 581 C1206
C24_CH4	100nF	Capacitor (Semiconductor SIM Mode	PHYCOMP 2238 581 C1206
C25_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206
C25_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206
C25_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206
C25_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206
C26_CH1	1nF	Capacitor, Polypropylene	WIMA - FKP2 1000P RAD-0.2
C26_CH2	1nF	Capacitor, Polypropylene	WIMA - FKP2 1000P RAD-0.2
C26_CH3	1nF	Capacitor, Polypropylene	WIMA - FKP2 1000P RAD-0.2
C26_CH4	1nF	Capacitor, Polypropylene	WIMA - FKP2 1000P RAD-0.2
C27_CH1	33pF	Capacitor, Polypropylene	WIMA - FKP2 33PF/5.RAD-0.2
C27_CH2	33pF	Capacitor, Polypropylene	WIMA - FKP2 33PF/5.RAD-0.2
C27_CH3	33pF	Capacitor, Polypropylene	WIMA - FKP2 33PF/5.RAD-0.2
C27_CH4	33pF	Capacitor, Polypropylene	WIMA - FKP2 33PF/5.RAD-0.2
C28_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206
C28_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206
C28_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206
C28_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206
C29_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206
C29_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206
C29_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206
C29_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206
C30_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206

C30_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206
C30_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206
C30_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206
C31_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206
C31_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206
C31_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206
C31_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206
C32_CH1	33pF	Capacitor, Polypropylene	WIMA - FKP2 33PF/5. RAD-0.2
C32_CH2	33pF	Capacitor, Polypropylene	WIMA - FKP2 33PF/5. RAD-0.2
C32_CH3	33pF	Capacitor, Polypropylene	WIMA - FKP2 33PF/5. RAD-0.2
C32_CH4	33pF	Capacitor, Polypropylene	WIMA - FKP2 33PF/5. RAD-0.2
C50_CH1	10uF	Capacitor	MKT1820610065 RAD-0.6
C50_CH2	10uF	Capacitor	MKT1820610065 RAD-0.6
C50_CH3	10uF	Capacitor	MKT1820610065 RAD-0.6
C50_CH4	10uF	Capacitor	MKT1820610065 RAD-0.6
C51_CH1	10uF	Capacitor	MKT1820610065 RAD-0.6
C51_CH2	10uF	Capacitor	MKT1820610065 RAD-0.6
C51_CH3	10uF	Capacitor	MKT1820610065 RAD-0.6
C51_CH4	10uF	Capacitor	MKT1820610065 RAD-0.6
C100_CH1	3n3	Capacitor, Polyester	EPCOS - B32529C33 RAD-0.2
C100_CH2	3n3	Capacitor, Polyester	EPCOS - B32529C33 RAD-0.2
C100_CH3	3n3	Capacitor, Polyester	EPCOS - B32529C33 RAD-0.2
C100_CH4	3n3	Capacitor, Polyester	EPCOS - B32529C33 RAD-0.2
C101_CH1	3n3	Capacitor, Polyester	EPCOS - B32529C33 RAD-0.2
C101_CH2	3n3	Capacitor, Polyester	EPCOS - B32529C33 RAD-0.2
C101_CH3	3n3	Capacitor, Polyester	EPCOS - B32529C33 RAD-0.2
C101_CH4	3n3	Capacitor, Polyester	EPCOS - B32529C33 RAD-0.2
C102_CH1	33pF	Capacitor, Polypropylene	Wima FKP2 33PF/5/1 RAD-0.2
C102_CH2	33pF	Capacitor, Polypropylene	Wima FKP2 33PF/5/1 RAD-0.2
C102_CH3	33pF	Capacitor, Polypropylene	Wima FKP2 33PF/5/1 RAD-0.2
C102_CH4	33pF	Capacitor, Polypropylene	Wima FKP2 33PF/5/1 RAD-0.2
C103_CH1	33pF	Capacitor, Polypropylene	Wima FKP2 33PF/5/1 RAD-0.2
C103_CH2	33pF	Capacitor, Polypropylene	Wima FKP2 33PF/5/1 RAD-0.2
C103_CH3	33pF	Capacitor, Polypropylene	Wima FKP2 33PF/5/1 RAD-0.2
C103_CH4	33pF	Capacitor, Polypropylene	Wima FKP2 33PF/5/1 RAD-0.2
C104_CH1	33pF	Not fitted	
C104_CH2	33pF	Not fitted	
C104_CH3	33pF	Not fitted	
C104_CH4	33pF	Not fitted	
C105_CH1	33pF	Not fitted	
C105_CH2	33pF	Not fitted	
C105_CH3	33pF	Not fitted	
C105_CH4	33pF	Not fitted	
C110_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206
C110_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206
C110_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206
C110_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206
C111_CH1	100nF	Capacitor	PHYCOMP 2238 581 C1206
C111_CH2	100nF	Capacitor	PHYCOMP 2238 581 C1206
C111_CH3	100nF	Capacitor	PHYCOMP 2238 581 C1206
C111_CH4	100nF	Capacitor	PHYCOMP 2238 581 C1206
C113_CH1	10nF	Capacitor	C1206
C113_CH2	10nF	Capacitor	C1206
C113_CH3	10nF	Capacitor	C1206
C113_CH4	10nF	Capacitor	C1206
C114_CH1	10nF	Capacitor	C1206

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

IC10_CH2		Operational Amplifier	LT1792ACS8	S8_N
IC10_CH3		Operational Amplifier	LT1792ACS8	S8_N
IC10_CH4		Operational Amplifier	LT1792ACS8	S8_N
IC11_CH1		5A power op amp with enable pin an	OPA548T-1	TO220-7PIN-FLAT
IC11_CH2		5A power op amp with enable pin an	OPA548T-1	TO220-7PIN-FLAT
IC11_CH3		5A power op amp with enable pin an	OPA548T-1	TO220-7PIN-FLAT
IC11_CH4		5A power op amp with enable pin an	OPA548T-1	TO220-7PIN-FLAT
IC12_CH1		5A power op amp with enable pin an	OPA548T-1	TO220-7PIN-FLAT
IC12_CH2		5A power op amp with enable pin an	OPA548T-1	TO220-7PIN-FLAT
IC12_CH3		5A power op amp with enable pin an	OPA548T-1	TO220-7PIN-FLAT
IC12_CH4		5A power op amp with enable pin an	OPA548T-1	TO220-7PIN-FLAT
J1		Receptacle Assembly, 25 Position, R Dsub 25 RA Female		DSUB1.385-2H25A
J2		Receptacle Assembly, 9 Position, Ri		DSUB1.385-2H9
J3		Plug Assembly, Size 1, 9 Position, Ri		
J4		Receptacle Assembly, 15 Position, R Dsub 15 RA Female		DSUB1.385-2H15
J5		Receptacle Assembly, 9 Position, Ri		DSUB1.385-2H9
J6		DB37 connector	Tyco 1-1634587-2	DB37RA/F
J7		DB37 connector	Tyco 1-1634583-2	DB37RA/M
J8		Plug Assembly, Size 1, 9 Position, Ri		
K2_CH1		DPDT PCB MOUNT RELAY		SOP8
K2_CH2		DPDT PCB MOUNT RELAY		SOP8
K2_CH3		DPDT PCB MOUNT RELAY		SOP8
K2_CH4		DPDT PCB MOUNT RELAY		SOP8
K3_CH1		DPDT PCB MOUNT RELAY		SOP8
K3_CH2		DPDT PCB MOUNT RELAY		SOP8
K3_CH3		DPDT PCB MOUNT RELAY		SOP8
K3_CH4		DPDT PCB MOUNT RELAY		SOP8
P1		Header, 8-Pin, Dual row	Amp 1761602-6	HDR2X8
P2		Header, 4-Pin, Right Angle	26-60-5040	HEADER4
Q1_CH1		Transistor NPN SOT23 Silicon Plana		SOT23
Q1_CH2		Transistor NPN SOT23 Silicon Plana		SOT23
Q1_CH3		Transistor NPN SOT23 Silicon Plana		SOT23
Q1_CH4		Transistor NPN SOT23 Silicon Plana		SOT23
Q2_CH1		Transistor NPN SOT23 Silicon Plana		SOT23
Q2_CH2		Transistor NPN SOT23 Silicon Plana		SOT23
Q2_CH3		Transistor NPN SOT23 Silicon Plana		SOT23
Q2_CH4		Transistor NPN SOT23 Silicon Plana		SOT23
R1	2K2		MMA0204	1206
R1_CH1	270R	Resistor	Tyco 3W SMF	SM_3
R1_CH2	270R	Resistor	Tyco 3W SMF	SM_3
R1_CH3	270R	Resistor	Tyco 3W SMF	SM_3
R1_CH4	270R	Resistor	Tyco 3W SMF	SM_3
R2	2.K2		MMA0204	1206
R2_CH1	270R	Resistor	Tyco 3W SMF	SM_3
R2_CH2	270R	Resistor	Tyco 3W SMF	SM_3
R2_CH3	270R	Resistor	Tyco 3W SMF	SM_3
R2_CH4	270R	Resistor	Tyco 3W SMF	SM_3
R3_CH1	2K2	Resistor	MMA0204	3216[1206]
R3_CH2	2K2	Resistor	MMA0204	3216[1206]
R3_CH3	2K2	Resistor	MMA0204	3216[1206]
R3_CH4	2K2	Resistor	MMA0204	3216[1206]
R5_CH1	22	Resistor	Tyco 3W SMF	SM_3
R5_CH2	22	Resistor	Tyco 3W SMF	SM_3
R5_CH3	22	Resistor	Tyco 3W SMF	SM_3
R5_CH4	22	Resistor	Tyco 3W SMF	SM_3
R7_CH1	.16k	Resistor	MMA0204	3216[1206]

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

R28_CH2	100	Resistor	MMA0204	3216[1206]
R28_CH3	100	Resistor	MMA0204	3216[1206]
R28_CH4	100	Resistor	MMA0204	3216[1206]
R29_CH1	100	Resistor	MMA0204	3216[1206]
R29_CH2	100	Resistor	MMA0204	3216[1206]
R29_CH3	100	Resistor	MMA0204	3216[1206]
R29_CH4	100	Resistor	MMA0204	3216[1206]
R30_CH1	100	Resistor	MMA0204	3216[1206]
R30_CH2	100	Resistor	MMA0204	3216[1206]
R30_CH3	100	Resistor	MMA0204	3216[1206]
R30_CH4	100	Resistor	MMA0204	3216[1206]
R90_CH1	3K3	Resistor	MMA0204	3216[1206]
R90_CH2	3K3	Resistor	MMA0204	3216[1206]
R90_CH3	3K3	Resistor	MMA0204	3216[1206]
R90_CH4	3K3	Resistor	MMA0204	3216[1206]
R91_CH1	3K3	Resistor	MMA0204	3216[1206]
R91_CH2	3K3	Resistor	MMA0204	3216[1206]
R91_CH3	3K3	Resistor	MMA0204	3216[1206]
R91_CH4	3K3	Resistor	MMA0204	3216[1206]
R92_CH1	3K3	Resistor	MMA0204	3216[1206]
R92_CH2	3K3	Resistor	MMA0204	3216[1206]
R92_CH3	3K3	Resistor	MMA0204	3216[1206]
R92_CH4	3K3	Resistor	MMA0204	3216[1206]
R93_CH1	3K3	Resistor	MMA0204	3216[1206]
R93_CH2	3K3	Resistor	MMA0204	3216[1206]
R93_CH3	3K3	Resistor	MMA0204	3216[1206]
R93_CH4	3K3	Resistor	MMA0204	3216[1206]
R100_CH1	0R	Resistor	MMA0204	3216[1206]
R100_CH2	0R	Resistor	MMA0204	3216[1206]
R100_CH3	0R	Resistor	MMA0204	3216[1206]
R100_CH4	0R	Resistor	MMA0204	3216[1206]
R101_CH1	0R	Resistor	MMA0204	3216[1206]
R101_CH2	0R	Resistor	MMA0204	3216[1206]
R101_CH3	0R	Resistor	MMA0204	3216[1206]
R101_CH4	0R	Resistor	MMA0204	3216[1206]
R106_CH1	100	Resistor	MMA0204	3216[1206]
R106_CH2	100	Resistor	MMA0204	3216[1206]
R106_CH3	100	Resistor	MMA0204	3216[1206]
R106_CH4	100	Resistor	MMA0204	3216[1206]
R107_CH1	100	Resistor	MMA0204	3216[1206]
R107_CH2	100	Resistor	MMA0204	3216[1206]
R107_CH3	100	Resistor	MMA0204	3216[1206]
R107_CH4	100	Resistor	MMA0204	3216[1206]
R108_CH1	1M	Resistor	MMA0204	3216[1206]
R108_CH2	1M	Resistor	MMA0204	3216[1206]
R108_CH3	1M	Resistor	MMA0204	3216[1206]
R108_CH4	1M	Resistor	MMA0204	3216[1206]
R109_CH1	2K2	Resistor	MMA0204	3216[1206]
R109_CH2	2K2	Resistor	MMA0204	3216[1206]
R109_CH3	2K2	Resistor	MMA0204	3216[1206]
R109_CH4	2K2	Resistor	MMA0204	3216[1206]
R110_CH1	270R	Resistor	MMA0204	3216[1206]
R110_CH2	270R	Resistor	MMA0204	3216[1206]
R110_CH3	270R	Resistor	MMA0204	3216[1206]
R110_CH4	270R	Resistor	MMA0204	3216[1206]
R111_CH1	10K	Resistor	MMA0204	3216[1206]

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

TP9_CH4		Tie Point	TP_SMT
TP10_CH1		Tie Point	TP_SMT
TP10_CH2		Tie Point	TP_SMT
TP10_CH3		Tie Point	TP_SMT
TP10_CH4		Tie Point	TP_SMT
TP11_CH1		Tie Point	TP_SMT
TP11_CH2		Tie Point	TP_SMT
TP11_CH3		Tie Point	TP_SMT
TP11_CH4		Tie Point	TP_SMT
TP13_CH1		Tie Point	TP_SMT
TP13_CH2		Tie Point	TP_SMT
TP13_CH3		Tie Point	TP_SMT
TP13_CH4		Tie Point	TP_SMT
TP14_CH1		Tie Point	TP_SMT
TP14_CH2		Tie Point	TP_SMT
TP14_CH3		Tie Point	TP_SMT
TP14_CH4		Tie Point	TP_SMT
U1	+12v	1A Low-Dropout Regulator	TS3B
U2	+15v	1A Low-Dropout Regulator	TS3B
U3	-15v	Negative Low-Dropout Regulator	TS3B
W1_CH1		Jumper Link	RAD-0.1
W1_CH2		Jumper Link	RAD-0.1
W1_CH3		Jumper Link	RAD-0.1
W1_CH4		Jumper Link	RAD-0.1
W2_CH1		Jumper Link	RAD-0.1
W2_CH2		Jumper Link	RAD-0.1
W2_CH3		Jumper Link	RAD-0.1
W2_CH4		Jumper Link	RAD-0.1
W4_CH1		Jumper Link	RAD-0.1
W4_CH2		Jumper Link	RAD-0.1
W4_CH3		Jumper Link	RAD-0.1
W4_CH4		Jumper Link	RAD-0.1
W5_CH1		Jumper Link	RAD-0.1
W5_CH2		Jumper Link	RAD-0.1
W5_CH3		Jumper Link	RAD-0.1
W5_CH4		Jumper Link	RAD-0.1
W6_CH1		Jumper Link	RAD-0.1
W6_CH2		Jumper Link	RAD-0.1
W6_CH3		Jumper Link	RAD-0.1
W6_CH4		Jumper Link	RAD-0.1

istributor's Part Number

Farnell 113-5125
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 113-5125
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 113-5125
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 113-5125
Farnell 113-5125
Farnell 113-5125
Farnell 113-5125
Farnell 113-5125
Farnell 113-5125
Farnell 113-5125
Farnell 113-5125
Farnell 113-5125
Farnell 113-5125
Farnell 113-5125
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 113-5125
Farnell 113-5125
Farnell 113-5125
Farnell 113-5125
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 113-5125
Farnell 113-5125
Farnell 113-5125
Farnell 718-646

Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 151-9287
Farnell 151-9287
Farnell 151-9287
Farnell 151-9287
Farnell 141-3755
Farnell 141-3755
Farnell 141-3755
Farnell 141-3755
Farnell 141-3755
Farnell 141-3755
Farnell 141-3755
Farnell 141-3755
Farnell 141-3755
Farnell 975-2927
Farnell 975-2927
Farnell 975-2927
Farnell 975-2927
Farnell 975-2927
Farnell 975-2927
Farnell 975-2927
Farnell 975-2927
Farnell 975-2927
Farnell 975-2927
Farnell 151-9287
Farnell 151-9287
Farnell 151-9287
Farnell 151-9287
Farnell 151-9287
Farnell 151-9287
Farnell 151-9287
Farnell 151-9287
Farnell 151-9287

Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 718-646
Farnell 360-6156
Farnell 360-6156
Farnell 360-6156
Farnell 360-6156
Farnell 360-6156

Farnell 360-6156
Farnell 360-6156
Farnell 360-6156
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Farnell 955-0178
Digikey 67-1304
Digikey 67-1304
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298
Farnell 114-3298

Farnell 133-0698 (B version)
Farnell 133-0698 (B version)
Farnell 133-0698 (B version)
Farnell 133-0698 (B version)
Farnell 133-0698 (B version)

Farnell 133-0698 (B version)
Farnell 133-0698 (B version)
Farnell 133-0698 (B version)
Farnell 985-8083
Farnell 985-8083
Farnell 985-8083
Farnell 985-8083
Farnell 985-8083
Farnell 985-8083
Farnell 985-8083
Farnell 985-8083
RS 495-9782
RS 495-9760
RS 495-9710
RS 495-9776
RS 495-9760
RS 495-9798
RS 495-9748
RS 495-9710
Farnell 444-6197
Farnell 444-6197
Farnell 444-6197
Farnell 444-6197
Farnell 444-6197
Farnell 444-6197
Farnell 444-6197
Farnell 444-6197
Farnell 444-6197
Farnell 110-7927
Farnell 146-2949
Farnell 147-1188
Farnell 147-1188
Farnell 147-1188
Farnell 147-1188
Farnell 147-1188
Farnell 147-1188
Farnell 147-1188
Farnell 147-1188
Farnell 147-1188
Farnell 308-7827
Farnell 108-6401
Farnell 108-6401
Farnell 108-6401
Farnell 108-6401
Farnell 308-7827
Farnell 108-6401
Farnell 108-6401
Farnell 108-6401
Farnell 108-6401
Farnell 108-6401
Farnell 308-7827
Farnell 308-7827
Farnell 308-7827
Farnell 308-7827
Farnell 108-6386
Farnell 108-6386
Farnell 108-6386
Farnell 108-6386
Farnell 308-6239

Farnell 308-6239
Farnell 308-6239
Farnell 308-6239
Farnell 308-6094
Farnell 308-6094
Farnell 308-6094
Farnell 308-6094
Farnell 308-7906
Farnell 308-7906
Farnell 308-7906
Farnell 308-7906
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7906
Farnell 308-7906
Farnell 308-7906
Farnell 308-7906
Farnell 308-7906
Farnell 308-7906
Farnell 308-7906
Farnell 308-7906
Farnell 308-7906
Farnell 308-8145
Farnell 308-8145
Farnell 308-8145
Farnell 308-8145
Farnell 308-7827
Farnell 308-7827
Farnell 308-7827
Farnell 308-7827
Farnell 308-7906
Farnell 308-7906
Farnell 308-7906
Farnell 308-7906
Farnell 108-6386
Farnell 108-6386
Farnell 108-6386
Farnell 108-6386
Farnell 308-6239
Farnell 308-6239
Farnell 308-6239
Farnell 308-6239
Farnell 308-6094
Farnell 308-6094
Farnell 308-6094
Farnell 308-6094
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669

Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7840
Farnell 308-7414
Farnell 308-7414
Farnell 308-7414
Farnell 308-7414
Farnell 308-7414
Farnell 308-7414
Farnell 308-7414
Farnell 308-7414
Farnell 308-7414
Farnell 308-7414
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-7669
Farnell 308-8145
Farnell 308-8145
Farnell 308-8145
Farnell 308-8145
Farnell 308-8145
Farnell 308-7827
Farnell 308-7827
Farnell 308-7827
Farnell 308-7712
Farnell 308-7712
Farnell 308-7712
Farnell 308-7712
Farnell 308-7906

