

Part	Value	Device	Package
C101	220pF	FKP2D002201D00HSSDAUC	C5B4.5
C102	10μF	MCAP250-10AUDIO	MCAP250V10U
C103	0μ1	MKP4-.1/400/10P15AUDIO	C15B5
C104	10μF	MKP4D051007E00JSSDAUC	C37.5B19
C105	10μF	RFS-100V100MH4#5AUDIO	C_D10_H16_RM5MM
C111	100μF	RFS-50V101MI5#5AUDIO	C_D12_5_H20_RM5MM
C114	15pF	CD15CD150JO3FAUDIO	C_CD15
C115	15pF	885012008062AUDIO	C1206
C121	4700pF	12061A472KAT2AAUDIO	C1206
C122	4700pF	MKS4O114703C00JSSDAUC	C10B4
C124	470μF	UES1E471MHMAUDIO	C_NP_D16_H25_RM7MM5
C125	5pF	CD15CD050DO3FAUDIO	C_CD15
C126	5pF	12061A5R0CAT2AAUDIO	C1206
C131	220μF	RFS-35V221MI6#5AUDIO	C_D12_5_H25_RM5MM
C132	220μF	RFS-35V221MI6#5AUDIO	C_D12_5_H25_RM5MM
C133	150pF	12061A151JAT2AAUDIO	C1206
C134	2200pF	12061A222JAT2AAUDIO	C1206
C143	0μ1	MKP4F031002D00JF00AUD	C7.5B5
C151	220μF	EEU-FC1V221LAUDIO	C_D8_H15_RM3MM5
C152	220μF	EEU-FC1V221LAUDIO	C_D8_H15_RM3MM5
C153	0μ1	MKP4F031002D00JF00AUD	C7.5B5
C154	0μ1	MKP4F031002D00JF00AUD	C7.5B5
C171	0μ022	885342208014AUDIO	C1206
C1210	'As Built' is 4700pF MKS		
C1220	'As Built' is 4700pF MKS		
C1240	100μF	UKZ1E101MPMAUDIO	C_NP_D10_H16_RM5MM
C1250	10pF	CD15CD100JO3FAUDIO	C_CD15
C1260	10pF	885012008061AUDIO	C1206
H121	TLHR4200	TLHR4200AUDIO	TLHR4200
H161	LTL-4231N	LTL-4231NAUDIO	LED3MM
H162	LTL-4231N	LTL-4231NAUDIO	LED3MM
R101	2k2	CMF-55AUDIO	CMF-55
R102	220k	CMF-55AUDIO	CMF-55
R103	22k0	CMF-55AUDIO	CMF-55
R104	10R0	CMF-55AUDIO	CMF-55
R111	3k3	CMF-55AUDIO	CMF-55
R112	6k8	CMF-55AUDIO	CMF-55
R113	'As built' is 22R		
R114	330R	CMF-55AUDIO	CMF-55
R115	47R0	CMF-55AUDIO	CMF-55
R121	1k5	CMF-55AUDIO	CMF-55
R122	2k2	CMF-55AUDIO	CMF-55
R123	330k	CMF-55AUDIO	CMF-55
R124	820R	CBT25J820RAUDIO	CBT-10MM
R126	22k0	CBT25J22000RAUDIO	CBT-10MM
R131	1k5	CMF-55AUDIO	CMF-55
R132	1k0	CMF-55AUDIO	CMF-55
R133	100R	CBT25J100RAUDIO	CBT-10MM
R134	1k0	CMF-55AUDIO	CMF-55

R135	100R	CBT25J100RAUDIO	CBT-10MM
R136	4R7	CMF-55AUDIO	CMF-55
R137	1k0	CMF-55AUDIO	CMF-55
R141	0R22	BPR58CR22JAUDIO	R_BRP58
R142	0R22	BPR58CR22JAUDIO	R_BRP58
R143	10R0	CMF60-ON-LUGAUDIO	CMF60-ON-LUG
R161	20k0	CMF-55AUDIO	CMF-55
R162	20k0	CMF-55AUDIO	CMF-55
R171		SL15_47003AUDIO	SL15_47003
V111	KSA992FTA	KSA992FTAAUDIO	V_TO92_BL_ECB
V112	KSA992FTA	KSA992FTAAUDIO	V_TO92_BL_ECB
V113	KSC3503DS	KSC3503DSAUDIO	V_TO126AV
V114	1N4148	1N4148AUDIODO35-10	DO35-10
V115	TTC004B	TTC004B,QAUDIO	V_TO126AV
V117	1N4148	1N4148AUDIODO35-10	DO35-10
V118	1N4148	1N4148AUDIODO35-10	DO35-10
V121	1N4148	1N4148AUDIODO35-10	DO35-10
V122	'As Built' is 2.7V Zener		
V131	BD140	BD140AUDIO	V_TO126AV
X101	22232021	22-23-2021AUDIO	22-23-2021
X111	SSW-103-01-G-S	SSW-103-01-G-AUDIO	SSW-103-01-G-S
X121		22-23-2021AUDIO	22-23-2021
X141	64900421122	64900421122AUDIO	64900421122
X142	64900421122	64900421122AUDIO	64900421122
X143	64900421122	64900421122AUDIO	64900421122
X144	726386-2	1-726386-2AUDIOLONG	726386-2_LONG
X145	726386-2	1-726386-2AUDIOLONG	726386-2_LONG
X151	726386-2	1-726386-2AUDIOLONG	726386-2_LONG
X152	726386-2	1-726386-2AUDIOLONG	726386-2_LONG
X153	726386-2	1-726386-2AUDIOLONG	726386-2_LONG
X161		22-23-2021AUDIO	22-23-2021
X162		22-23-2021AUDIO	22-23-2021
X171	726386-2	1-726386-2AUDIOLONG	726386-2_LONG
X181		22-23-2021AUDIO	22-23-2021
X1013		HSS-B20-053H-01AUDIO	HSS-B20-053H-01

Choose one or the other, for both. 'As Built' is silver mica

## Description

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Polypropylene (PP) Film/Foil Capacitors for Pulse Applications 220p 100V 2.5% FKP2

Fidelity Component MCap 10  $\mu$ 0 250V 5%

Metallized Polypropylene (PP) Capacitor MKP4 0  $\mu$ 1 400V 10%

Metallized Polypropylene (PP) Capacitor MKP4 10  $\mu$ 0 100V 5%

SILMIC series Silk fiber using audio purpose capacitor RFS 10  $\mu$ 0 100V

SILMIC series Silk fiber using audio purpose capacitor RFS 100  $\mu$  50V

Mica Capacitor Standard Dipped CD15 15p 500V 5%

Multilyaer Ceramic Capacitor MLCC 15p 100V NPO 1206

Multilyaer Ceramic Capacitor MLCC 4700p 100V NPO 1206

Metallized Polyester (PET) Capacitors 4700p 1000V 5% MKS4

Aluminium Electrolytic Capacitor ES MUSE Series Bipolar 470  $\mu$  25V

Mica Capacitor Standard Dipped CD15 5p 500V +/-0.5p

Surface Mount Multilayer Ceramic Chip Capacitors MLCC 5p 100V 5% NPO 1206

SILMIC series Silk fiber using audio purpose capacitor RFS 220  $\mu$  35V

SILMIC series Silk fiber using audio purpose capacitor RFS 220  $\mu$  35V

Multilyaer Ceramic Capacitor MLCC 150p 100V NPO 1206

Multilyaer Ceramic Capacitor MLCC 2200p 100V NPO 1206

Metallized Polypropylene (PP) Capacitor MKP4 0  $\mu$ 1 250V 5%

Aluminium electrolytic Capacitor Series FC Type A 220  $\mu$  35V 20%

Aluminium electrolytic Capacitor Series FC Type A 220  $\mu$  35V 20%

Metallized Polypropylene (PP) Capacitor MKP4 0  $\mu$ 1 250V 5%

Metallized Polypropylene (PP) Capacitor MKP4 0  $\mu$ 1 250V 5%

Multilyaer Ceramic Capacitor MLCC 0  $\mu$ 022 630V X7R 1206

Aluminium Electrolytic Capacitor UKZ MUSE 100  $\mu$  25V 20%

Mica Capacitor Standard Dipped CD15 10p 500V 5%

Multilyaer Ceramic Capacitor MLCC 10p 100V NPO 1206

High Efficiency LED in  $\sim$  3 mm Tinted Non-Diffused Package Red TLHR4200

THT 3mm LED Green Diffused 2.1V 10mA

THT 3mm LED Green Diffused 2.1V 10mA

Generic Metal Film Resistors, Axial, Industrial, Precision 250V 0.5W 1% 50ppm CMF55

Generic Metal Film Resistors, Axial, Industrial, Precision 250V 0.5W 1% 50ppm CMF55

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Generic Metal Film Resistors, Axial, Industrial, Precision 250V 0.5W 1% 50ppm CMF55

Generic Metal Film Resistors, Axial, Industrial, Precision 250V 0.5W 1% 50ppm CMF55  
Generic Metal Film Resistors, Axial, Industrial, Precision 250V 0.5W 1% 50ppm CMF55  
Rectangular type metal plate resistors BPR58 5W 0R22 5% 350ppm  
Rectangular type metal plate resistors BPR58 5W 0R22 5% 350ppm  
Generic Metal Film Resistors, Axial, Industrial, Precision 500V 1W 1% 50ppm CMF60  
Generic Metal Film Resistors, Axial, Industrial, Precision 250V 0.5W 1% 50ppm CMF55  
Generic Metal Film Resistors, Axial, Industrial, Precision 250V 0.5W 1% 50ppm CMF55  
Circuit Protection Thermistor 115/230VAC 47R0 3A 20%  
PNP Epitaxial Silicon Transistor KSA992 TO92  
PNP Epitaxial Silicon Transistor KSA992 TO92  
Bipolar Silicon NPN Epitaxial Transistor KSC3503 300V 0.1A 150MHz TO-126N  
Small Signal Diode 1N4148 DO-35  
Bipolar Silicon NPN Epitaxial Transistor TTC004B 160V 1.5A 12p 100MHz TO-126N  
Small Signal Diode 1N4148 DO-35  
Small Signal Diode 1N4148 DO-35  
Small Signal Diode 1N4148 DO-35

### 2.7V Zener

Low Voltage PNP Transistor BD140 -80V 1.5A TO-126  
KK 254 Solid Header, Vertical, with Friction Lock, 2 Circuits, Tin (Sn) Plating 22232021  
THROUGH-HOLE .025 SQ POST SOCKET 3 pol."  
KK 254 Solid Header, Vertical, with Friction Lock, 2 Circuits, Tin (Sn) Plating 22232021  
WR-MPC4 4.20mm Male Dual Row Vertical Header, 4 Pins=>Code : Con\_WTB\_MPC4\_2\_PCB\_649004;  
WR-MPC4 4.20mm Male Dual Row Vertical Header, 4 Pins=>Code : Con\_WTB\_MPC4\_2\_PCB\_649004;  
WR-MPC4 4.20mm Male Dual Row Vertical Header, 4 Pins=>Code : Con\_WTB\_MPC4\_2\_PCB\_649004;  
Faston TAB 6.3 x 0.8 PCB  
Faston TAB 6.3 x 0.8 PCB  
Faston TAB 6.3 x 0.8 PCB  
Faston TAB 6.3 x 0.8 PCB  
Faston TAB 6.3 x 0.8 PCB  
KK 254 Solid Header, Vertical, with Friction Lock, 2 Circuits, Tin (Sn) Plating 22232021  
KK 254 Solid Header, Vertical, with Friction Lock, 2 Circuits, Tin (Sn) Plating 22232021  
Faston TAB 6.3 x 0.8 PCB  
KK 254 Solid Header, Vertical, with Friction Lock, 2 Circuits, Tin (Sn) Plating 22232021  
Stamped Heatsink TO-220 Aluminium PCB 5.3mm Horizontal Solder Pin

(C114).

	PP	1 WIMA
	PP	1 MUNDORF
	PP	1 WIMA
	PP	1 WIMA
SILMIC II	SILMIC	1 ELNA
	AL-ELYT.	1 ELNA
	MICA	1 CORNELL DUBILIER
	NPO	1 WÄRTH ELEKTRONIK
	NPO	1 AVX
MKS4	PET	1 WIMA
MUSE	AL-ELYT.	1 NICHICON
	MICA	1 CORNELL DUBILIER
	NPO	0 AVX
RFS	SILMIC II	1 ELNA
RFS	SILMIC II	1 ELNA
	NPO	1 AVX
	NPO	1 AVX
MKP4	PP	1 WIMA
FC	AL-ELYT.	1 PANASONIC
FC	AL-ELYT.	1 PANASONIC
MKP4	PP	1 WIMA
MKP4	PP	1 WIMA
	X7R	1 WÄRTH ELEKTRONIK
MUSE	AL-ELYT.	1 NICHICON
	MICA	1 CORNELL DUBILIER
	NPO	1 WÄRTH ELEKTRONIK
RED		1 VISHAY
3mm		1 LITE-ON
3mm		1 LITE-ON
		1 VISHAY
		1 VISHAY
		1 VISHAY
		1 VISHAY
		1 VISHAY
		1 VISHAY
CARBON		1 VISHAY
CARBON		1 TE
		1 TE
		1 VISHAY
		1 VISHAY
CARBON		1 TE
		1 VISHAY

CARBON

1 TE  
1 VISHAY  
1 VISHAY  
1 KOA  
1 KOA  
1 VISHAY  
1 VISHAY  
1 VISHAY  
1 AMETHERM  
1 ON SEMICONDUCTORS  
1 ON SEMICONDUCTORS  
1 ON SEMICONDUCTOR  
1 ON SEMICONDUCTORS  
1 TOSHIBA  
1 ON SEMICONDUCTORS  
1 ON SEMICONDUCTORS  
1 ON SEMICONDUCTORS  
1 CENTRAL SEMICONDUCTOR CORP.  
1 ST  
1 MOLEX  
1 SAMTEC  
1 MOLEX

21122

21122

21122

1 TE  
1 TE  
1 TE  
1 TE  
1 TE  
1 MOLEX  
1 MOLEX  
1 TE  
1 MOLEX  
1 CUI DEVICES

MOUSER	MP	MPN	PACKAGE	POPULATE	TOLERANCE
		FKP2D002201D00HSSD	THT	0	2.50%
		MCAP250-10	THT	1	5%
		MKP4-.1/400/10P15		1	10%
		MKP4D051007E00JSSD	THT	1	5%
		RFS-100V100MH4#5	THT	1	
555-RFS-50V101MI5#5		RFS-50V101MI5#5	THT	1	20%
598-CD15CD150JO3F		CD15CD150JO3F	CD15	1	5%
710-885012008062		8.85012E+11 C1206		1	5%
581-12061A472KAT2A		12061A472KAT2A	C1206	1	10%
505-MKS4O114703C00JS		MKS4O114703C00JSSD	THT	1	5%
647-UES1E471MHH		UES1E471MHH	THT	1	20%
598-CD15CD050DO3F		CD15CD050DO3F	CD15	1 +/-0.5p	
581-12061A5R0CAT2A		12061A5R0CAT2A	1206	1	5%
555-RFS35V221MI6#5		RFS-35V221MI6#5	THT	1	20%
555-RFS35V221MI6#5		RFS-35V221MI6#5	THT	1	20%
581-12061A151J		12061A151JAT2A	C1206	1	10%
581-12061A222JAT2A		12061A222JAT2A	C1206	1	10%
505-MKP4F031002D00JF00		MKP4F031002D00JF00	THT	1	5%
667-EEU-FC1V221L		EEU-FC1V221L	THT	1	20%
667-EEU-FC1V221L		EEU-FC1V221L	THT	1	20%
505-MKP4F031002D00JF00		MKP4F031002D00JF00	THT	1	5%
505-MKP4F031002D00JF00		MKP4F031002D00JF00	THT	1	5%
710-885342208014		8.85342E+11 C1206		1	10%
647-UKZ1E101MPM		UKZ1E101MPM	THT	1	20%
598-CD15CD100JO3F		CD15CD100JO3F	CD15	1	5%
710-885012008061		8.85012E+11 C1206		1	5%
78-TLHR4200		TLHR4200	THT	1	
859-LTL-4231N		LTL-431N	THT	1	
859-LTL-4231N		LTL-431N	THT	1	
	CMF55		CMF55	1	1%
	CMF55		CMF55	0	1%
	CMF55		CMF55	0	1%
	CMF55		CMF55	0	1%
	CMF55		CMF55	0	1%
	CMF55		CMF55	0	1%
	CMF55		CMF55	0	1%
	CMF55		CMF55	0	1%
	CMF55		CMF55	0	1%
	CMF55		CMF55	0	1%
	CMF55		CMF55	1	1%
279-CBT25J820R		279-CBT25J820R	THT	1	5%
279-CBT25J22000R		279-CBT25J22000R	THT	1	5%
	CMF55		CMF55	0	1%
	CMF55		CMF55	1	1%
279-CBT25J100R		CBT25J100R	THT	1	5%
	CMF55		CMF55	1	1%

279-CBT25J100R	CBT25J100R	THT	1	5%
	CMF55	CMF55	1	1%
	CMF55	CMF55	0	1%
660-BPR58CR22J	BPR58CR22J	THT	1	5%
660-BPR58CR22J	BPR58CR22J	THT	1	5%
	CMF60	CMF60	1	1%
	CMF55	CMF55	0	1%
	CMF55	CMF55	0	1%
	SL15 47003	THT	1	20%
KSA992FTA	KSA992FTA	TO92-BENT	1	
KSA992FTA	KSA992FTA	TO92-BENT	1	
512-KSC3503DS	KSC3503DS	TO-126	1	
1N4148	1N4148	DO35-10	1	
757-TTC004BQ	TTC004B,Q	TO-126	1	
1N4148	1N4148	DO35-10	1	
1N4148	1N4148	DO35-10	1	
1N4148	1N4148	DO35-10	1	
		DO-35	1	5%
511-BD140	BD140	TO-126	1	
		22232021 THT	1	
200-SSW10301GS	SSW-103-01-G-S	THT	1	
		22232021 THT	1	
571-726386-2	726386-2	THT	1	
571-726386-2	726386-2	THT	1	
571-726386-2	726386-2	THT	1	
571-726386-2	726386-2	THT	1	
571-726386-2	726386-2	THT	1	
		22232021 THT	1	
		22232021 THT	1	
571-726386-2	726386-2	THT	1	
		22232021 THT	1	
490-HSS-B20-053H-01	HSS-B20-053H-01	THT	1	



VOLTAGE	WATTAGE
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100V

250V

400V

100V

100V

50V

500V

100V

100V

1000V

25V

500V

100V

35V

35V

100V

100V

250V

35V

35V

250V

250V

630V

25V

500V

100V

2V

250V	0.5W
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250V	0.5W
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250V	0.5W
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250V	0.5W
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250V	0.5W
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250V	0.5W
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250V	0.5W
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250V	0.5W
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250V	0.5W
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250V	0.5W
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250V	0.5W
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250V	1W
------	----

250V	1W
------	----

250V	0.5W
------	------

250V	0.5W
------	------

250V	250mW
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250V	0.5W
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250V	250mW
250V	0.5W
250V	0.5W
	5W
	5W
500V	1W
250V	0.5W
250V	0.5W

100V

100V	
100V	
100V	
2V7	500mW
-80V	
250V (CSA)	
250V (CSA)	

250V (CSA)
250V (CSA)
250V (CSA)