


Title <b>DCF-77 A4510D</b>		<i>S.Hofmann</i> infi@shotech.de www.shotech.de Revision: 0.2		
Size: A4	Description: DCF77 FA			
Date: 12.08.2018	Time: 12:13:37			Sheet 1 of 1
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## Bill of Materials

Datum:	12. August 2018
Zeit:	12:13:42
Variante:	Variant of DCF-77-A4510_2-3910
Bezeichnung:	DCF-77 A4510D
Revision:	0.2

Quantity	Designator	Footprint	Bemerkung	Value	MFT	Order-Code	shotech
5	C1, C5, C6, C11, C17	CAP_Radial_5MM	Keramik-Vielschichtkondensator MLCC – bedrahtet 0.1uF 50volts 10% X7R 5mm LS	100nF/50V	Vishay / BC Components	K104K15X7RF53H5	
2	C2, C3	CAPPR5-6.3x11	Subminiatur-Elko, radial, 100 µF, 16 V, RM 2,5, 85°C, 1000h	100µF/16V		Artikel-Nr.: SM 100/16RAD	
1	C4	CAP_Radial_5MM_7k2_6k5	Folienkondensator, 10nF, 100V, RM5, 2,5%	10n	WIMA	FKP2D021001100HSSD	
1	C7	BFC-808-Trim	Trimmer / Drehkondensatoren	5,5pF...65pF	Vishay	BFC280831659	
1	C8	CAP_Radial_5MM_7k2_2k5	Folienkondensator, 100nF, 63V, RM5, 10%	100nF	WIMA	MKS2C031001A00KSSD	
1	C9	CAP_Radial_5MM_7k2_3k0	Folienkondensator, 220nF, 63V, RM5, 5%	220n	WIMA	MKS2C032201B00JSSD	
2	C10, C13	CAP_Radial_5MM_7k2_4k5	Folienkondensator, 1,5nF, 100V, RM5, 2,5%	1n5	WIMA	FKP2D011501D00HSSD	
1	C12	CAP_Radial_5MM_7k2_2k5	Folienkondensator, 27nF, 63V, RM5, 5%	27n	KEMET	MMK5273J63J01L16.5TR18	
1	C14	CAP_Radial_5MM_7k2_4k5	Folienkondensator, 1,0nF, 100V, RM5, 2,5%	1n	WIMA	FKP2D011001D00HSSD	
1	C15	CAP_Radial_5MM_7k2_2k5	Folienkondensator, 22nF, 63V, RM5, 5%	22n	WIMA	MKS2C022201A00JSSD	
1	C16	CAP_Radial_5MM_7k2_4k5	Folienkondensator, 680pF, 100V, RM5, 2,5%	680p	WIMA	FKP2D006801D00HSSD	
1	D1	LED3MM		LED_3mm	frei		
1	L1	DDR-Minifilter	Minifilter 3910, 180µH	3910	Hochfrequenzwerk Meuselwitz	Minifilter 3910	
4	PP1, PP2, PP3, PP4	VERO_Testpoint_Blue	Prüfpunkt				
1	Q1	TO-206AF	2N4416A Series 35 V 5 mA Through Hole N-Channel JFET - TO-206AF	2N4416A	Vishay/Central-Semiconductor	2N4416A	KP303E
1	Q2	SC_TO-92	Bipolar (BJT) Transistor NPN 30V 100mA 300MHz 500mW Through Hole TO-92-3	BC548BU	On-Semiconductor	BC548BU	
1	R1	RES10-7.8X2.8	WIDERSTAND, 207, axial, 1%	270R			
1	R2	RES10-7.8X2.8	WIDERSTAND, 207, axial, 10k, 1%	330R			
1	R3	RES10-7.8X2.8	WIDERSTAND, 207, axial, 10k, 1%	47R			
2	R4, R9	RES10-7.8X2.8	Metallsch. 0207 1/4W 1% 1K5 lose	1k		RMK001.5	
1	R5	RES10-7.8X2.8	WIDERSTAND, 207, axial, 10k, 1%	3k3			
1	R6	RES10-7.8X2.8	WIDERSTAND, 207, axial, 10k, 1%	100k			
1	R7	RES10-7.8X2.8	WIDERSTAND, 207, axial, 10k, 1%	560R			
2	R8, R11	RES10-7.8X2.8	WIDERSTAND, 207, axial, 10k, 1%	22k			
1	R10	RFT 513_59	470k Spindeltrimmer	470k	RFT	RFT 513.59, 470K	
1	R12	RES10-7.8X2.8	WIDERSTAND, 207, axial, 10k, 1%	13k			
1	R13	RES10-7.8X2.8	WIDERSTAND, 207, axial, 10k, 1%	2k2			
1	R14	RES10-7.8X2.8	WIDERSTAND, 207, axial, 10k, 1%	82k			
1	U1	P008	Programmable Low-Power Single Operational Amplifier	UA776CN	ST-Microelectronic	UA776CN	
1	U2	DIP-18/D22.4	Stereodecoder I2L Bipolartechnik DIP-18	A4510D	RFT	A4510D	
2	X1, X2	1X4					