



Bill of Materials

LUK FANCOIL INTERFACE

Source Data From:	DE-060418.PrjPcb
Project:	DE-060418.PrjPcb
Variant:	None

Creation Date:	8.4.2018.	18:29:07
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Footprint	Comment	LibRef	Designator	Description	Quantity
0805	4u7	C0805	C1, C4	Ceramic Chip Capacitor - Standard	2
VP52-2.5	47nF/X2	VP52BA103	C2, C5, C6	Dipped Radial Multilayer Ceramic Capacitor COG (NPO): 10nF	3
0603	100nF	C0603	C3, C7	Ceramic Chip Capacitor - Standard	2
SOD323	1N4148	BAS321	D1, D2, D3, D4, D5	General-purpose Diode	5
ONSC-TO-220-3-221A-07	BTA16-600	BTA08-600BW3G	D6, D7	Triacs, Silicon Bidirectional Thyristor, 3-Pin TO-220, Pb-Free, Tube	2
15-43-8501	THERMOSTAT	15-43-8501	J1	Right Angle, Standard Profile, RJ-45 Keyed Unshielded PCB Jack	1
HDR1X3	MOTOR_RPM_SENSOR	Header 3	P1	Header, 3-Pin	1
TERMINAL BLOK 2	220VAC	TERMINAL BLOK 2	P2	Terminal blok konektor 3,5 mm	1
TERMINAL BLOK 3	FAN_MOTOR	TERMINAL BLOK 3	P3	3 pinski terminal blok konektor	1
TERMINAL BLOK 2	COOLING_VALVE	TERMINAL BLOK 2	P4	Terminal blok konektor 3,5 mm	1
HDR1X2	NTC_2K_FANCOIL	Header 2	P5	Header, 2-Pin	1
HDR1X2	STATUS_LED	Header 2	P6	Header, 2-Pin	1
SOT23_N	BC817	BC817	Q1	NPN General-purpose Transistor	1
6-0805	1K	ERJ6BQ	R1, R2, R3, R15, R21	Low Ohmic Value Thick Film Chip Resistor 0.22 Ohm to 9.1 Ohm Range, 1%, 2% and 5% Tolerance, 0805 Size, 0.25 W	5
6-0805	56K	ERJ6BQ	R4, R5, R6, R7, R11, R12, R13, R14	Low Ohmic Value Thick Film Chip Resistor 0.22 Ohm to 9.1 Ohm Range, 1%, 2% and 5% Tolerance, 0805 Size, 0.25 W	8
6-0805	10K	ERJ6BQ	R8	Low Ohmic Value Thick Film Chip Resistor 0.22 Ohm to 9.1 Ohm Range, 1%, 2% and 5% Tolerance, 0805 Size, 0.25 W	1
6-0805	220R	ERJ6BQ	R9, R10, R16, R17, R18, R19, R22, R23, R24, R25	Low Ohmic Value Thick Film Chip Resistor 0.22 Ohm to 9.1 Ohm Range, 1%, 2% and 5% Tolerance, 0805 Size, 0.25 W	10
6-0805	330R	ERJ6BQ	R20, R26, R27	Low Ohmic Value Thick Film Chip Resistor 0.22 Ohm to 9.1 Ohm Range, 1%, 2% and 5% Tolerance, 0805 Size, 0.25 W	3
M14A_N	74AC14SC	74AC14SC	U1	Hex Schmitt-Trigger Inverter, 14-Pin SOIC Commercial Grade	1
DIP-4	PC817	Optoisolator1	U2	4-Pin Phototransistor Optocoupler	1
DIP6	MOC3052	MOC3081	U3	Zero-Cross Optoisolator Triac Driver	1
DIP6	MOC3083	MOC3081	U4	Zero-Cross Optoisolator Triac Driver	1
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Approved	Notes