





Bill of Materials JalousieBoard

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otprint 05	Comment	LibRef	Designator	Description	Quantity
05	C0805	C0805	C1, C4, C8, C13	Ceramic Chip Capacitor - Standard	
03	C0603	C0603	C1, C4, C8, C13 C2, C3, C5, C7, C9, C10, C11, C12, C14,	Ceramic Chip Capacitor - Standard	
03	100nF	C0603	C15, C22, C23, C24, C25 C6, C19, C20, C21	O	
APPR5-	470uF	EKA00DC347E0	C16, C17	Ceramic Chip Capacitor - Standard Aluminum Electrolytic Capacitor, Radial	
X12.5		0	· ·		
APPR2-	22uF	EKA00AA247F0	C18	Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 47uF, 35V	
nsc-to-	BTA08-600	0 BTA08-	D1 D2 D3 D4 D5 D6 D7 D8 D9 D10	Style with Long Leads: 47uF, 35V Triacs, Silicon Bidirectional Thyristor, 3-Pin	
0-3-221A-	B 1A00-000	600BW3G	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16	TO-220, Pb-Free, Tube	
8.0X8.0X8	LED0 LED4	HSMB-C190	D17	Blue Surface Mount Chip LED, Blue	
6XD.8XD.8 6XD.8XD.8	LED4 LED8	HSMB-C190 HSMB-C190	D19	Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
	LED12		D20 D21 D22	Blue Surface Mount Chin LED Blue	
8.OX8.OX8	LED1 LED6	HSMB-C190 HSMB-C190	D21	Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
6X0.8X0.8 6X0.8X0.8 6X0.8X0.8	LEDS LEDS		D23		
6XD.8XD.8 6XD.8XD.8	LED13	HSMB-C190 HSMB-C190	D24	Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
8XD.8XD.8 8XD.8XD.8	LED2 LED6	HSMB-C190 HSMB-C190	D25	Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
6XD.8XD.8	LED6 LED10	HSMB-C190 HSMB-C190	D26 D27	Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
6X0.8X0.8 6X0.8X0.8	LED14	HSMB-C190 HSMB-C190	D28 D29	Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
8.0X8.0X8	LED3	HSMB-C190	D29 D30	Blue Surface Mount Chip LED, Blue	
6XD.8XD.8 6XD.8XD.8	LED/ LED11	HSMB-C190 HSMB-C190	D31	Blue Surface Mount Chip LED, Blue Blue Surface Mount Chip LED, Blue	
RXD RXD R	LED15	HSMB-C190	D32	Blue Surface Mount Chip LED, Blue	
02-A RMINAL	BLM15AG121	Chip inductor	L1, L2, L3	SMD chip inductor	
RMINAL	RS485	TERMINAL BLOK 2	P1	Terminal blok konektor 3,5 mm	
OK 2 OR1X9 RMINAL	Header 9	BLOK 2 Header 9	P2, P3, P15, P16 P4, P5, P6, P7, P8, P9	Header, 9-Pin 3 pinski terminal blok konektor	
RMINAL		TERMINAL	P4, P5, P6, P7, P8, P9	3 pinski terminal blok konektor	
OK 3	ICSP	BLOK 3			
OR1X12	Header 12	Header 3 Header 12	P10 P11, P12, P17, P18	Header, 3-Pin Header, 12-Pin	
DR2X8	Header 8X2 DC_IN	Header 8X2 TERMINAL	P13, P19	Header, 12-Pin Header, 8-Pin, Dual row Terminal blok konektor 3,5 mm	
RMINAL	DC_IN	TERMINAL BLOK 2	P14	Terminal blok konektor 3,5 mm	
OK 3 OR1X3 OR1X12 OR2X8 ERMINAL OK 2 RA-0603	10K	BLUK 2 FRAV FRASV	R1 R8 R10 R11	Metal Film Thermosensitive Chin Resistor	
		ERAV, ERA3Y, ERA3Y, ERA3Y		0.56 Ohm to 10k Ohm Range, 5%	
				Tolerance 0603 Size 0.063 W	
				Rectangular Thick Film Chip Resistor, 10 Ohm to 330k Ohm Range, 0.1% and 0.5% Tolerance, 0603 Size, 0.063 W,	
				Tolerance, 0603 Size, 0.063 W,	
				Rectangular Thick Film Chip Resistor, 10	
RA-0603	10R	ERAV	R2. R3	Oh Metal Film Thermosensitive Chip Resistor.	
KA-0603	TUR	ERAV	R2, R3	0.56 Ohm to 10k Ohm Range 5%	
				0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W Metal Film Thermosensitive Chip Resistor,	
RA-0603	1K2	ERAV	R4	Metal Film Thermosensitive Chip Resistor,	
				0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	
RA-0603	2K2	ERAV, ERA3Y,	R5, R6, R7		
		ERA3Y		0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W,	
				Partangular Thick Film Chin Register 10	
				Rectangular Thick Film Chip Resistor, 10 Ohm to 330k Ohm Range, 0.1% and 0.5% Tolerance, 0603 Size, 0.063 W,	
				Tolerance, 0603 Size, 0.063 W,	
				Rectangular Thick Film Chip Resistor, 10 Oh	
RA-0603	100R	ERAV	R9, R12	Metal Film Thermosensitive Chin Resistor	
				0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W Rectangular Thick Film Chip Resistor, 10	
RA-0603	220R	ERA3Y,	R13, R17, R23, R27, R33, R37, R43, R47,	Tolerance, 0603 Size, 0.063 W	
VV-0003	220K	ERA3Y.	R53, R57, R63, R67, R73, R77, R83, R87,		
		ERA3Y,	R53, R57, R63, R67, R73, R77, R83, R87, R93, R94, R95, R96	Tolerance, 0603 Size, 0.063 W, Rectangular Thick Film Chip Resistor, 10 Ohm to 330k Ohm Range, 0.1% and 0.5%	
		ERA3Y, ERA3Y.		Rectangular Thick Film Chip Resistor, 10	
		FRA3Y		Tolerance 0603 Size 0.063 W	
		ERA3Y, ERA3Y,		Tolerance, 0603 Size, 0.063 W, Rectangular Thick Film Chip Resistor,	
		ERA3Y, ERA3Y.			
		ERA3Y,			
		ERA3Y.			
		ERA3Y,			
		ERA3Y, ERA3Y.			
		ERA3Y,			
		ERA3Y, ERAS, ERAS, ERAS,			
		ERAS, ERAS, ERAS			
RA-0805	120R	ERAS	R14, R15, R16, R18, R19, R20, R24, R25,	Metal Film Thermosensitive Chip Resistor,	
			R26, R28, R29, R30, R34, R35, R36, R38, R39, R40, R44, R45, R46, R48, R49, R50, R54, R55, R56, R58, R59, R60, R64, R65,	0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0805 Size, 0.1 W	
			R39, R40, R44, R45, R46, R48, R49, R50, R54 R55 R56 R58 R50 R60 R64 R65	Tolerance, 0805 Size, 0.1 W	
			R66, R68, R69, R70, R74, R75, R76, R78, R79, R80, R84, R85, R86, R88, R89, R90		
			R79, R80, R84, R85, R86, R88, R89, R90		
RA-0805	330R	ERAS	P21 P22 P31 P32 P41 P42 P51 P52	Matal Film Thermosensitive Chin Resistor	
VV-0000	330K	ERAS	R21, R22, R31, R32, R41, R42, R51, R52, R61, R62, R71, R72, R81, R82, R91, R92	Metal Film Thermosensitive Chip Resistor, 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0805 Size, 0.1 W	
				Tolerance, 0805 Size, 0.1 W	
P-12/SW CTILE_S	SW DIP-6 MOVE	SW DIP-6 TACKTILE_SWI	S1	DIP Switch, 6 Position, SPST	
ITCH	MOVE	TCH	52		
CTILE_S	FUNC	TACKTILE_SWI	S3		
CTILE_S ITCH IM-	STM32F030C6T	TCH STM32F030C6T	U1	ARM Cortex-M0 32-bit MCU, 32 KB Flash,	
IM- QFP48_N	6	6	Γ.	4 KB Internal RAM, 39 I/Os, 48-pin LQFP	
				4 KB Internal RAM, 39 I/Os, 48-pin LQFP, - 40 to 85 degC, Tray Differential Bus Transceiver	
008_N	SN75176BD 24AA01T-VOT	SN75176BD 24AA01T-I/OT	U2	Differential Bus Transceiver	
OT-23- F5_N	∠4AAU1T-VOT	∠4AAU1T-I/OT	U3	1Kbit, 400kHz, 1.8V, I2C Serial EEPROM, 5-Pin SOT-23, Industrial Temperature, Tape	
3Z3_N	TLV803MDBZR	TLV803MDBZR	U4	and reel Voltage Supervisor with Active-Low, Open Drain Reset, 1 Supply Monitored, -40 to 125 degC, 3-pin SOT-23 (DBZ), Green (RoHS & no Sb/Br)	
				Drain Reset, 1 Supply Monitored, -40 to 125 deaC, 3-pin SOT-23 (DBZ), Green	
				(RoHS & no Sb/Br)	
DIC-SN8_N	MCS1802GS-10-	ACS71240	U5, U7	1	
0220	Z I 7805CV	17805CV	II6	Positive Voltage Pensioner 51/ 2 Di- TO	
1420	L/8UDLV	L/ BUDLY	00	Positive Voltage Regulator, 5V, 3-Pin TO- 220	
311	REG1117-3.3	REG1117-3.3	U8	800mA and 1A Low Dropout Positive	
				Regulator 2.85V, 3.3V, 5V, and Adjustable	
P6	MOC3081	MOC3081	U9. U10. U11. U12. U13. U14. U15. U16.	Zero-Cross Optoisolator Triac Driver	
			U17, U18, U19, U20, U21, U22, U23, U24	Jose Optional III Diver	
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