









ATXMECA16A4-AU APT TOTAL TOS TOS TOS TOS TOS TOS TOS TOS TOS TOS TOS TOS	Comment	Description	Designator	Footprint	LibRef	Quantity
DUF	ATXMEGA16A4-AU				ATXMEGA16A4-AU	1
DODE			C1 C16 C21	0805		3
### CPTANT_33UF OPTANT_33UF OPTANT_33UF OPTANT_33UF OV 10% SMD OPTANT_33UF OV 10% SMD OPTANT_33UF OV 10% SMD OPTANT_33UF OV 100 SMD OV 100 S	Tour				CP_100F 0605	
CP_TANT_33.9F 20V 105.8MD C7, C10 0032 0V 100 CP 200 CP 20	100nF		C8, C9, C13	0603		8
100F 100F X7R 0603	CP_TANT_33uF		C7, C10	6032		2
100uF 637 1/206 100uF 287 1/206 100uF 287 1/206 100uF 280 287 287 100uF 280 287 287 100uF 280 287 287 100uF 280 287 287 287 287 287 287 287 287 287 287	10nF		C11 C12 C18 C23	0603	CP 10nE 0603	4
100uF 6V3	10111	100uF 6.3V 1206	011, 012, 010, 020	0000		
14F SOP XTR (BB) C17, C22 G603	100uF 6V3		C14, C15, C19, C20	1206		4
Tup	45					
DIODE SCHOTTKY D1, D2, D3, D4, SA 40V SMC D5, D6, D7, D8 DIODE_SMC D5, SS230TP D5, SS230TP D6, D7, D8 D1, D13 SMB_DIODE D5, SS230TP D1, D15, D16, D16, D16, D16, D17, D16, D17, D18, D18, D19, D19, D19, D19, D19, D19, D19, D19	TUF	50V X/R 0603		0603		2
SA 40V SAC DS. DE, D7, D8 DIODE_SMC DS_SS230TP	1uF 16V	SM Tantalum Cap	C_ESD	TANT3216	6	1
Available Avai						
2A/40V 2A/30V Dp. D10, D13 SMB_DIODE DS_SS230TP	5A/ 40V		D5, D6, D7, D8	DIODE_SMC	DS_SSC54-E3/57T	8
LED Green	2A/40V		D9, D10, D13	SMB_DIODE		3
Description Header, IDC 10-Pin H11	LED Green	Green LED 0805	D11	Diode_0805		1
Tum Molor	LED Red	Red LED 0805	D12	Diode_0805	DL_LED Red 0805	
Teminal Header H2			H1	918510x323	Header 10	
Battery Terminal Header H3			H2	TMHDR4	AVR ISP Header 4	
TSOP38236 IR Module Receiver TSOP38236 IR TSOP38236 IN FERRITE CHIP 120 OHM 800m 8065 INDUCTOR CMM 800m 8065 INDUCTOR POWER SHIELD 33UH 2.64 SMD 10UH 2.04 SMD 10UH 2.04 SMD 10UH 2.05 SMD 10UH 2.05 SMD 10UH 2.05 SMD 10UH 2.05 SMD 10UH 2.06 SMD 10UH		5.08mm Pluggable	ПЗ			
TSOP38236 M Module Receiver TSOP38236 M PERRITE CHIP 120 OHM 800mA O805 O		i erminai Header		TSOP38236 IR		,
120 OHM 800mA CERRITE CHIP 120 OHM 800m A 805 OHM			IR Module	Receiver		1
INDUCTOR POWER SHIELD SUBJECT	120 OHM 800mA				120 OHM 800mA	
Inductor	0805		L1	0805	0805	1
NDUCTOR		POWER SHIELD				
DOWER 10UH 2.0A SMD	Inductor		L2, L3	DR124	IN_33u 2A SMT	-
LEFT_DRIVER, RIGHT_DRIVER, R		POWER 10UH				
MC33886WW RIGHT_DRIVER _HS_20N MC33886WW MAX3001EEUP+ MLS TSOP65PB40X1110- 20N MAX3001EEUP+ MAX3001EEUP+ Header 2 Header 2Pin P2, P12 HDR1X2 Header 2 Header 11 Header, 3-Pin, Dual row P11 HDR1X11 Header 11 Header 3X2 P11 HDR2X3 Header 3X2 HEANS NPN GP 45V-100MA P11 HDR2X3 Header 3X2 BC857 SOT23 TN_BC857 TN_BC857 BC847 100MA 45V SOT23 Q9 SOT23 TN_BC847 BC857 110W 15V 6063 R1, R2, R3, R6 0603 RS_10k 0603 10k RES 4.7R 1/10W R5 0603 RS_10k 0603 RS_4R7_0603 4R7 SV60603 SMD R5 0603 RS_330R 0603 330R SMD R8 0603 RS_330R 0603 100R RES 100 OHM 1/10W 15v 6003 R8 0603 RS_2k2 0603 2k2 SMD R8 R8 0603 RS_2k2 0603 RES 180OHM 1/10W 15v 6003 <td>10uH</td> <td>2.0A SMD</td> <td></td> <td></td> <td>IN_10uH 2A SMT</td> <td>1</td>	10uH	2.0A SMD			IN_10uH 2A SMT	1
MAX3001EEUP+ MIS 20N MAX3001EEUP+	MC33886VW				MC33886VW	2
Header 11	MAX3001EEUP+		MLS		MAX3001EEUP+	1
Header 3X2	Header 2	Header, 2-Pin	P2, P12	HDR1X2	Header 2	2
Header 3X2 Inv P11	Header 11		P4, P5, P6, P7	HDR1X11	Header 11	4
#85 - 100MA	Header 3X2		P11	HDR2X3	Header 3X2	1
BC887 SOT23 O5, O6, O7, O8 SOT23 TN_BC857			01 02 02 04			
BC847 100MA 45V SOT23 C9 SOT23 TN_BC847	BC857			SOT23	TN_BC857	8
RES 10 NC OHM	BC847		Ω9	SOT23	TN BC847	
10k SMD R1, R2, R3, R6 0603 RS_10k 0603 RES 4.7R 1/10W 76 0603 SMD R5 0603 RS_4R7_0603 RES 330 CHM 1/10W 1% 0603 SMD R7 0603 RS_330R 0603 330R SMD RES 100 CHM 1/10W 1% 0603 RS_30D 0603 RS_330R 0603 100R SMD RES 22R CHM 1/10W 5% 0603 RS_2R 0603 RS_2R 0603 2k2 SMD RES 680 CHM 1/10W 1% 0603 R9 0603 RS_2k2 0603 RES 680 CHM 1/10W 1% 0603 R9 0603 RS_2k2 0603 RES 180 CHM 1/10W 1% 0603 R9 0603 RS_2k2 0603 RES 180 CHM 1/10W 1% 0603 R9 (R1, R1, R1, R1, R1, R1, R1, R1, R1, R1,		RES 10.0K OHM				
## 1	10k		R1, R2, R3, R6	0603	RS_10k 0603	4
RES 330 CHM	4D7		D.F.	0603	DC 4D7 0602	
RES 100 OHM	411.7		Ko	0603	RS_4R7_0003	
RES 100 OHM	330R		R7	0603	RS 330R 0603	,
100R		RES 100 OHM			5_0001 . 0000	
RES 2.2K O'HM	100R		R8	0603	RS 100R 0603	,
RES 880 OHM R10, R11, R12, R13, R14, R15, R16, R18 R19, R11, R12, R13, R14, R15, R16, R18 RES 1800 HM RES 1800 HM R11 0W 19, 6603 RT R17 G603 RS_8680 R603 RS_8680 R		RES 2.2K OHM				
RES 680 CHM	2k2		R9	0603	RS_2k2 0603	1
SMD						
11/10W 1%-0603	680R	SMD		0603	RS_680R 0603	8
180R SMD R17 0603 RS_180R 0603 100R 0603 Resistor R_ESD R0603 100R_R0603 FSM2JSMA DPST SMD Switch S1 FSM2JSMA SW_FSM2JSMA TEST POINT PC MINI. 040" D BLACK BLACK TP1 testpoint-small TP5001 Microcontroller Supervisory Circuit with Open Drain Output, 3-Ph SOT-23, Industrial Temperature, Tape and Reel and Reel and Reel And PReel Capacity TOT70P1524X483-1 MCP130T-300I/TT 2 character 7 HDSM-541 C HDSM-541 C HDSM-541 C TL2575-33IKTTR VR_3.3 6N TL2575-33IKTTR						
FSM2JSMA	180R		R17	0603	RS_180R 0603	1
TEST POINT PC MINI. 040"D TP1 testpoint-small TP5001					_	1
MINI -040"D BLACK BLACK TP1 testpoint-small TP5001	FSM2JSMA		S1	FSM2JSMA	SW_FSM2JSMA	1
Microcontroller Supervisory Circuit with Open Drain Output, 3-Ph SOT- 23, Industrial Temperature, Tape and Reel U1 SOT-23-TT3_N MCP130T-300I/TT 2 character 7 HDSM-541C HD	DI ACK	MINI .040"D	TD4	Acada alada	TDF004	
Supervisory Circuit with Open Drain Output, 3-Ph SOT-23, Industrial Temperature, Tape and Reel U1 SOT-23-TT3_N MCP130T-300I/TT and Reel U1 SOT-23-TT3_N MCP130T-300I/TT	BLACK		111	testpoint-small	IP5001	1
Output, 3-Pin SOT- 23, Industrial Temperature, Tape and Reel		Supervisory Circuit				
Temperature, Tape		Output, 3-Pin SOT-				
MCP130T-300I/TT and Reel U1 SOT-23-TT3_N MCP130T-300I/TT Lobaracter 7 Lobaracter 7 HDSM-541C HDSM-541C HDSM-541C Lobaracter 7 segment display U3 HDSM-541C HDSM-541C HDSM-541C TL2575-33IKTTR VR_3.3 6N TL2575-33IKTTR TL2575-33IKTTR						
HDSM-541C segment display U3 HDSM-541C HDSM-541C TL2575-33IKTTR VR_3.3 6N TL2575-33IKTTR	MCP130T-300I/TT	and Reel	U1	SOT-23-TT3_N	MCP130T-300I/TT	
TL2575-33IKTTR VR_3.3 6N TL2575-33IKTTR	HDSM-541C		U3	HDSM-541C	HDSM-541C	1
		J		TO170P1524X483-		
TO170P1524X483-6 TL2575-05IKTTR						1
	1L25/5-05IKTTR		VK_5	1 U1 / UP 1524X483-6	1L25/5-05IKTTR	1