



Coalest Solid Tantalum Chip Capacitor 10/1, Capacitor 10/1, Capacitor 10/1, Capacitor Capacito	Comment	Description	Designator	Footprint	LibRef	Quantity	Value	
Tambalum Chip Capacitor 10.0F 20% foliarizani. 15 20% foliarizani. 16 20% foliarizani. 20% foli		Midget Conformal						
20% Tolerance, 15		Tantalum Chip						
1940105X001582								
Capacitor Capa		WVDC @ +85°C,						
Cap Semi	194D105X0015B2		C1, C4, C9, C20	3216	194D105X0015B2	4	10uF	
Polarized Capactor								
Cap Poll	Cap Semi		C2, C12, C18, C22	CAP0603[1608]	Cap Semi	4	100nF	
Capacitor Capa	Cap Pol1		C3	CAPAE8983X100N	Cap Pol1	1	100uF	
Cap Semi Model) C13, C19, C21, C23 C49603[1608] Cap Semi 8 220nF Capactor Semiconductor SIM C7, C8 G-9805, N Cap Semi 2 220nF Capactor Capactor Capactor C7, C8 G-9805, N Cap Semi 2 220nF Cap Semi Capactor C14, C15 CAP0603[1608] Cap Semi 2 22nF Cap Semi C4, C15 CAP0603[1608] Cap Semi 2 32nF Cap Semi Model C1, C1, C2, CAP0603[1608] Cap Semi 2 32nF Cap Semi Model C1, C1, C2, CAP0603[1608] Cap Semi 2 32nF Cap Semi Model C1, C1, C2, CAP0603[1608] Cap Semi 2 32nF Cap Semi Model C1, C1, C2, CAP0603[1608] Cap Semi 2 32nF Cap Semi Model C1, C1, C2, CAP0603[1608] Cap Semi 2 32nF Cap Semi Model C1, C1, C2, CAP0603[1608] Cap Semi 2 32nF Cap Semi C1, C1, C2, C2, C2, C2, C2, C2, C2, C2, C2, C2								
Capacitor Capa	Cap Semi			CAP0603[1608]	Cap Semi	8	220nF	
Cap Semi		Capacitor				-		
Cap Semi	Can Semi		C7 C8	6-0805 N	Can Semi	2	220nF	
Cap Semi	сар зепіі	,	C1, C6	0-0803_14	сар зеніі		220111	
Cap Semi	Can Cami		C14 C15	CAD0C03[1C00]	Can Cami	2	2.2-5	
Semiconductor SIM Model C16, C17	Cap Semi		C14, C15	CAP0603[1608]	Cap Semi	2	2.2NF	
D Schottky Schottky Diode D Zener Zener Diode D 20 D DIODE SMC D Zener J Zener Diode D 20 D DIODE SMC D Zener J Zener Diode D 20 D DIODE SMC D Zener J 20 D Zener		(Semiconductor SIM				_		
Display Disp							33nF	
Red., 3 Digit, 7 Segment Display, 0,8" Height DS1	,					_		
Segment Display, 0.8" Height SS1	∪ ∠ener		DZ	DIODE_2WC	υ Zener	1		
MURATA FILTER Display		Segment Display,						
DSS9	BC56-12SRWA	0.8" Height	DS1	BC56-12		1		
Inductor	DSS9		FP1	dss9n		1		
Dual Row With Flanges, 420mm PI, P3 5569-6 039300060 2	Inductor	Inductor				2	10mH	
Flanges, 4.20mm P1, P3 5569-6 039300060 2								
Description								
Header 3X2	039300060	Pitch	P1, P3	5569-6	039300060	2		
Header 6X2	Hooder 2V2		מס	UDD2v2v127	Hondor 2V2	1		
Header 6XZ	Header 3X2		PZ	HDR2X3X127	neader 3A2	1		
Enhancement Mode MOSFET Q1, Q2, Q3 SOT23_N BSH201 3	Header 6X2	row	P4, P5	HDR2X6	Header 6X2	2		
Mode MOSFET Q1, Q2, Q3 SOT23_N B5H201 3								
AURLR2703TR MOSFET Q4 TO-252AA_N IRLR8503 1 R1, R2, R10, R12, Res2 Resistor R18, R19 RE50603[1608] Res2 6 1K Res2 Resistor R2, R2, R24, Res2 Resistor R2, R22, R24, Res2 Resistor R6 RE50603[1608] Res2 7 10K Res2 Resistor R7 R22, R24, RES0603[1608] Res2 1 31.6K Res2 Resistor R7 RE50603[1608] Res2 1 301 Res2 Resistor R7 RE50603[1608] Res2 1 301 Res2 Resistor R9, R14 RE50603[1608] Res2 1 301 Res2 Resistor R11 RE50603[1608] Res2 1 1 301 Res2 Resistor R11 RE50603[1608] Res2 1 1 4.7K Res2 Resistor R13 RE50603[1608] Res2 1 1 4.7K Res2 Resistor R13 RE50603[1608] Res2 1 1 4.7K Res2 Resistor R15 C1206 Res2 1 61.9 Res2 Resistor R16 RE50603[1608] Res2 1 6.8K Res2 Resistor R20 C1206 Res2 1 0R Res2 Resistor R20 C1206 Res2 1 0R MIC29300 Reel U1 TO-263_N L7805ACD2T-TR 1 I6-Bit Led Driver with SPI Interface, 24-Pin SCOP, 40 to SOP100P790X220-SCT2210CSAG 85°C U2 24N SCT2210 1 I2-Bit DAC with SPI Interface, 14-Pin SOIC I50mil, Extended Firm TSSOP, -40 to S2-Bit ARM M0+, 16 Pin TSSOP, -40 to S2-Bit ARM M0+, 16 Pin TSSOP, -40 to Lambda Probe Interface, 24-Pin SOIC, -40 to 125°C U5 24M MKE04P24M 1 Lambda Probe Interface, 24-Pin SOIC, -40 to 125°C U5 24M MKE04P24M 1 Lambda Probe Interface, 24-Pin SOIC, -40 to 125°C U5 24M MKE04P24M 1 Lambda Probe Interface, 24-Pin SOIC, -40 to 125°C U5 24M MKE04P24M 1	BSH201	Mode MOSFET	Q1, Q2, Q3	SOT23_N	BSH201	3		
Res2 Resistor R1, R2, R10, R12, RES0603[1608] Res2 6 1K Res2 Resistor R3, R4 6-0805_N Res2 2 1K Res2 Resistor R5, R8, R17, R21, R22, R24 RES0603[1608] Res2 7 10K Res2 Resistor R6 RES0603[1608] Res2 1 31.6K Res2 Resistor R7 RES0603[1608] Res2 1 301 Res2 Resistor R7 RES0603[1608] Res2 2 100K Res2 Resistor R11 RES0603[1608] Res2 1 4.7K Res2 Resistor R13 RES0603[1608] Res2 1 4.7K Res2 Resistor R15 C1206 Res2 1 61.9 Res2 Resistor R16 RES0603[1608] Res2 1 61.9 Res2 Resistor R16 RES0603[1608] Res2 1 61.9 Res2 Resistor R20 C1206 Res2 1 61.9 Res2 Resistor </td <td>ALIEDI DOZOGED</td> <td></td> <td>04</td> <td>TO SESAA N</td> <td>IDIDOCAS</td> <td>1</td> <td></td>	ALIEDI DOZOGED		04	TO SESAA N	IDIDOCAS	1		
Res2 Resistor R18, R19 RES0603[1608] Res2 6 LK Res2 Resistor R3, R4 6-0805_N Res2 2 LK Res2 Resistor R5, R8, R17, R21, R21, R22, R23, R24 RES0603[1608] Res2 7 10K Res2 Resistor R6 RES0603[1608] Res2 1 31.6K Res2 Resistor R7 RES0603[1608] Res2 1 301 Res2 Resistor R7 RES0603[1608] Res2 1 301 Res2 Resistor R9, R14 RES0603[1608] Res2 1 4.7K Res2 Resistor R13 RES0603[1608] Res2 1 4.7K Res2 Resistor R15 c1206 Res2 1 61.9 Res2 Resistor R16 RES0603[1608] Res2 1 6.8K Res2 Resistor R20 c1206 Res2 1 6.8K Res2 Resistor R20 c1206 Res2 1 6.8K Res2 Resistor	AUIKLK2/U31K	MOSFEI		TU-252AA_N	IKLK85U3	1		
Res2 Resistor R5, R8, R17, R21, R22, R23, R24 RES0603[1608] Res2 7 10K Res2 Resistor R6 RES0603[1608] Res2 1 31.6K Res2 Resistor R7 RES0603[1608] Res2 1 301 Res2 Resistor R9, R14 RES0603[1608] Res2 2 100K Res2 Resistor R11 RES0603[1608] Res2 1 4.7K Res2 Resistor R13 RES0603[1608] Res2 1 4.7K Res2 Resistor R15 c1206 Res2 1 61.9 Res2 Resistor R16 RES0603[1608] Res2 1 6.8K Res2 Resistor R20 c1206 Res2 1 0.8 Res2 Resistor R20	Res2	Resistor		RES0603[1608]	Res2	6	1K	
Res2 Resistor R22, R23, R24 RES0603[1608] Res2 7 10K Res2 Resistor R6 RES0603[1608] Res2 1 31.6K Res2 Resistor R7 RES0603[1608] Res2 1 301 Res2 Resistor R9, R14 RES0603[1608] Res2 2 100K Res2 Resistor R11 RES0603[1608] Res2 1 4.7K Res2 Resistor R13 RES0603[1608] Res2 1 4.7K Res2 Resistor R15 c1206 Res2 1 61.9 Res2 Resistor R16 RES0603[1608] Res2 1 6.8K Res2 Resistor R20 c1206 Res2 1 0R MIC29300 Reel U1 TO-263_N L7805ACD2T-TR 1 MIC29300 Reel U1 TO-263_N L7805ACD2T-TR 1 SCT2210CSAG 85°C U2 24N SCT2210 1 12-Bit DAC with SPI Interface, 24-Pin SOIP, -40 to 22-Pin Colono	Res2	Resistor		6-0805_N	Res2	2	1K	
Res2 Resistor R6 RES0603[1608] Res2 1 31.6K Res2 Resistor R7 RES0603[1608] Res2 1 301 Res2 Resistor R11 RES0603[1608] Res2 2 100K Res2 Resistor R11 RES0603[1608] Res2 1 4.7K Res2 Resistor R13 RES0603[1608] Res2 1 470K Res2 Resistor R15 c1206 Res2 1 61.9 Res2 Resistor R16 RES0603[1608] Res2 1 6.8K Res2 Resistor R20 c1206 Res2 1 6.8K Res2 Resistor R20 c1206 Res2 1 0R Positive Voltage Regulator, 3-Pin DZPAK, Tape and MIC29300 Reel U1 TO-263_N L7805ACD2T-TR 1 SCT2210CSAG 85°C U2 24N SCT2210 1 SCT2210CSAG 85°C U2 24N SCT2210 1 <td colspan<="" td=""><td>Res2</td><td>Resistor</td><td></td><td>RES0603[1608]</td><td>Res2</td><td>7</td><td>10K</td></td>	<td>Res2</td> <td>Resistor</td> <td></td> <td>RES0603[1608]</td> <td>Res2</td> <td>7</td> <td>10K</td>	Res2	Resistor		RES0603[1608]	Res2	7	10K
Res2 Resistor R7 RES0603[1608] Res2 1 301 Res2 Resistor R9, R14 RES0603[1608] Res2 2 100K Res2 Resistor R11 RES0603[1608] Res2 1 4.7K Res2 Resistor R13 RES0603[1608] Res2 1 470K Res2 Resistor R15 C1206 Res2 1 61.9 Res2 Resistor R16 RES0603[1608] Res2 1 6.8K Res2 Resistor R20 c1206 Res2 1 0R Positive Voltage Regulator, 3-Pin D2PAK, Tape and Reel Res2 1 0R 1 0R MIC29300 Reel U1 TO-263_N L7805ACD2T-TR 1 16-Bit Led Driver with SPI Interface, 24-Pin SSOP, -40 to SOIC 150mil, Extended U2 24N SCT2210 1 MCP4922-E/SL Temperature U3 SOIC-SL14_N MCP4922-E/SL 1 MKE04P24 125° U4 SOP127P600-8N MKE04P24M 1 Lambda Probe Interface,								
Res2 Resistor R9, R14 RES0603[1608] Res2 2 100K Res2 Resistor R11 RES0603[1608] Res2 1 4.7K Res2 Resistor R13 RES0603[1608] Res2 1 470K Res2 Resistor R15 c1206 Res2 1 61.9 Res2 Resistor R16 RES0603[1608] Res2 1 6.8K Res2 Resistor R20 c1206 Res2 1 0R Positive Voltage Regulator, 3-Pin D2PAK, Tape and Reel Res2 1 0R 1 0R MIC29300 Reel U1 TO-263_N L7805ACD2T-TR 1 JE-Bit Led Driver with SPI Interface, 24-Pin SSOP, -40 to SOT2210CSAG U2 24N SCT2210 1 SCT2210CSAG 85°C U2 24N SCT2210 1 MCP4922-E/SL Temperature U3 SOIC-SL14_N MCP4922-E/SL 1 MCP4922-E/SL Temperature U3 SOIC-SL14_N MKE04P24M 1 MKE04P24 125° </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Res2 Resistor R13 RES0603[1608] Res2 1 470K Res2 Resistor R15 c1206 Res2 1 61.9 Res2 Resistor R16 RES0603[1608] Res2 1 6.8K Res2 Resistor R20 c1206 Res2 1 0R Positive Voltage Regulator, 3-Pin D2PAK, Tape and Res2 1 0R SCT2310C A2 Pin Tape A2 Pin T	Res2		R9, R14			2	100K	
Res2 Resistor R15 C1206 Res2 1 61.9 Res2 Resistor R16 RES0603[1608] Res2 1 6.8K Res2 Resistor R20 c1206 Res2 1 0R MIC 29300 Reel U1 TO-263_N L7805ACD2T-TR 1 SCT2210CSAG Reel U1 TO-263_N L7805ACD2T-TR 1 SCT2210CSAG B5°C U2 24N SCT2210 1 SCT2210CSAG B5°C U2 24N SCT2210 1 MCP4922-E/SL DAC with SPI Interface, 14-Pin SOIC 150mil, Extended U3 SOIC-SL14_N MCP4922-E/SL 1 MCP4922-E/SL Temperature U3 SOIC-SL14_N MCP4922-E/SL 1 MKE04P24 125° U4 SOP127P600-8N MKE04P24M 1 Lambda Probe Interface, 24-Pin SOIC, -40 to 125°C U5 24M CJ125 1	Res2	Resistor	R11	RES0603[1608]	Res2	1	4.7K	
Res2 Resistor R16 RES0603[1608] Res2 1 6.8K Res2 Resistor R20 c1206 Res2 1 0R Positive Voltage Regulator, 3-Pin D2PAK, Tape and Reel U1 TO-263_N L7805ACD2T-TR 1 MIC29300 Reel U1 TO-263_N L7805ACD2T-TR 1 16-Bit Led Driver with SPI Interface, 24-Pin SSOP, -40 to SCT2210CSAG SOP100P790X220- 24N SCT2210 1 SCT2210CSAG 85°C U2 24N SCT2210 1 MCP4921-Bit DAC with SPI Interface, 14-Pin SOIC 150mil, Extended U3 SOIC-SL14_N MCP4922-E/SL 1 MCP4922-E/SL Temperature U3 SOIC-SL14_N MCP4922-E/SL 1 MKE04P24 125° U4 SOP127P600-8N MKE04P24M 1 Lambda Probe Interface, 24-Pin SOIC, 40 to 125°C U5 24M CJ125 1	Res2	Resistor	R13		Res2	1	470K	
Res2 Resistor R20 c1206 Res2 1 0R Positive Voltage Regulator, 3-Pin DZPAK, Tape and MIC29300 Res U1 TO-263_N L7805ACD2T-TR 1 16-Bit Led Driver with SPI Interface, 24-Pin SSOP, -40 to SCT2210CSAG U2 SOP100P790X220- 24N SCT2210 1 SCT2210CSAG 85°C U2 24N SCT2210 1 I2-Bit DAC with SPI Interface, 14-Pin SOIC 150mil, Extended U3 SOIC-SL14_N MCP4922-E/SL 1 MCP4922-E/SL Temperature U3 SOIC-SL14_N MCP4922-E/SL 1 MKE04P24 125° U4 SOP127P600-8N MKE04P24M 1 Lambda Probe Interface, 24-Pin Interface, 24-Pin SOIC, -40 to 125°C U5 24M CJ125 1	Res2	Resistor	R15	c1206	Res2	1	61.9	
Positive Voltage Regulator, 3-Pin D2PAK, Tape and U1	Res2	Resistor	R16	RES0603[1608]	Res2	1	6.8K	
Regulator, 3-Pin D2PAK, Tape and Reel U1	Res2		R20	c1206	Res2	1	0R	
D2PAK, Tape and Reel								
16-Bit Led Driver with SPI Interface, 24-Pin SSOP, -40 to SOP100P790X220- 24N SCT2210 1 12-Bit DAC with SPI Interface, 14-Pin SOIC 150mil, Extended MCP4922-E/SL Temperature U3 SOIC-SL14_N MCP4922-E/SL 1 32-Bit ARM M0+, 16-Pin TSSOP, -40° to Pin TSSOP, -40° to Lambda Probe Interface, 24-Pin SOIC125P1030X265- CJ125 SOIC, -40 to 125°C U5 24M CJ125 1		D2PAK, Tape and						
With SPI Interface, 24-Pin SSOP, -40 to SOP100P790X220-SCT2210CSAG	MIC29300		U1	TO-263_N	L7805ACD2T-TR	1		
SCT2210CSAG								
12-Bit DAC with SPI		24-Pin SSOP, -40 to						
Interface, 14-Pin SOIC 150mil, Extended U3 SOIC-SL14_N MCP4922-E/SL 1	SCT2210CSAG		U2	24N	SCT2210	1		
Extended		Interface, 14-Pin						
MCP4922-E/SL Temperature U3 SOIC-SL14_N MCP4922-E/SL 1 32-Bit ARM M0+, 16- Pin TSSOP, -40" to MKE04P24 125" U4 SOP127P600-8N MKE04P24M 1 Lambda Probe Interface, 24-Pin CJ125 SOIC, -40 to 125"C U5 24M CJ125 1								
32-Bit ARM M0+, 16 Pin TSSOP, -40° to 125° U4 SOP127P600-8N MKE04P24M 1 Lambda Probe Interface, 24-Pin CJ125 SOIC, -40 to 125°C U5 24M CJ125 1	MCP4922-E/SL		U3	SOIC-SL14_N	MCP4922-E/SL	1		
MKE04P24 125° U4 SOP127P600-8N MKE04P24M 1 Lambda Probe Interface, 24-Pin CJ125 SOIC, 40 to 125°C U5 24M CJ125 1	,	32-Bit ARM M0+, 16-			, ,			
Lambda Probe Interface, 24-Pin SOIC127P1030X265- SOIC, -40 to 125°C U5 24M CJ125 1	MKE04P24		114	SOP127P600-8N	MKE04P24M	1		
Interface, 24-Pin SOIC127P1030X265- CJ125 SOIC, -40 to 125°C U5 24M CJ125 1				551 1271 000-01N	EO-II Z-fivi	1		
	CITAL	Interface, 24-Pin	115		CITOE	_		
IJATUZU LIN DUS ITATISTECIEVEJUO JSUICIZ/POUUXI/S-8 IJATUZU]						_	 	
	DATOZO	Env bus mansrecieve	00	301C12/F0UUX1/3-8I	DATUZU	1		