





















Part								
Description	Quantity	Comment	LibRef	Designator D4 D2	Description	Footprint PDS 40.5	Supplier	Supplier Nr
March Marc							<u> </u>	
10 10 10 10 10 10 10 10		.,		C1, C3, C5, C6, C7, C8, C9, C10, C11, C12,	,			
20				C28, C29, C30, C33, C35, C36, C37, C38,				
Out	38	100nF	[[/]]1	C68, C69, C70, C71	Capacitor	RESC1608X06L	Famel	1288255
1	6	10uF		C2, C4, C34, C46, C51, C52	Capacitor	RESC1608X06L	Famel	1463375
10 CAT 10	7	4.7nF	CAP-NP	C15, C16, C17, C18, C19, C20, C21	Capacitor			
Part	10	4.7uF		C31, C32, C43, C44, C45, C47, C48, C49, C50, C56	Capacitor	RESC1608X06L	Famel	9227784
April	2	19nE	10pF[[/\]]0603[[C41 C42	· ·	DESC1608V06I	Eamol	9940945
Description			10nF[[/\]]0603[[
Open	1	680pF	/\]]1 470nF[[/\]]0603	C57	Capacitor	RESC1608X06L	Famell	9406182
Column	1	220nF		C58	Capacitor	RESC1608X06L	Distrelec	823494
3 14	1	22nF	/\]]1	C59	Capacitor	RESC1608X06L	Famel	9406182
1 19 19 19 19 19 19 19	3	1uF	1uF[[/\]]0603[[/ \]]1	C60, C61, C63	Capacitor	RESC1608X06L	Distrelec	823495
1972 1972	1	2nF		C62	Canacitor	RESC1608X06I	Famel	1288255
1 12 12 12 12 12 12 12			10nF[[/\]]0603[[PECOACONYOCI		
Committee Comm							rameii	9406182
1.0 27 20 20 20 20 20 20 2		DTFOFODODO TARO	LED RGB SMD					
175 SECRETARY 150			2	D7, D9, D10, D11, D12, D17, D18, D25,	SMD Red led right angle mount			
1,157 1,15	12	27-21SURC/S530-A3	LED	D26, D32, D35, D36	2V@20ma 57mcd	27-21 Everlight		
2 St. C.					2V@20ma 35mcd		<u> </u>	
2 APT-SEC AP							-	
DESCRIPTION Section Company				., .				
Section Sect					SMD Blue led right angle mount			
TDAYSINN Maps Map					_		<u> </u>	
Discrete					Omnidirectional Back Electret Condenser		 	
Col. 12, Col. 20, Col. Col.	1	I D4015BPN	micro1	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10,	мисторпопе	MICRO_PANASONIC_WM-64PN	-	
SCH 1-40 Color Color C				Q11, Q12, Q13, Q14, Q15, Q16, Q17, Q18, Q19, Q20, Q21, Q22, Q23, Q24, Q25, Q26,			1	
1		BC917.40	DC917 40	Q27, Q28, Q29, Q30, Q31, Q32, Q33, Q34,	NIDN Conomi numora Taranista	POT22 N	1	
19 18 18 18 18 18 18 18	38	DC01740		R1, R2, R57, R59, R61, R63, R64, R65,	INFIN General-purpose Transistor	30123_N	 	
11 32 RES RESIDENCE FOR THE CONTROL OF THE CONTROL	18	4.7K	4.7K[[/\]]0603[[/\]]1	R92, R93, R94, R103, R104, R111, R112, R113, R114, R142	Resistor	RESC1608X06L	Distrelec	715604
No.				R3, R5, R68, R69, R70, R71, R72, R73,				
100 100	11	33		R4, R6, R12, R13, R14, R15, R16, R17,	120, Resistor	NESC 1000AU0L	 	
20 N.			1K[[/\]]0603[[/\]]1,	R26, R27, R28, R29, R30, R31, R44, R45,			1	
10 10 10 10 10 10 10 10	20	16	22K[[/\]]0603[[/	R46, R47, R48, R49, R50, R51, R108,	120 Resistor	PESC1608Y06I	Dietrolon	715588 715620
10 10 10 10 10 10 10 10	32	III.	10K[[/\]]0603[[/		LO, (CODIUI	TALOG TOUGNOOL	Distretec	7 10000, 7 10020
10 10 10 10 10 10 10 10			\]]1,				Distrelec.	
8 2.30	15	10k	\]]2, RES		120, Resistor	RESC1608X06L		715612, 9330399
Page	8	2.2K		R32, R33, R34, R35, R41, R52, R53, R126	Resistor	RESC1608X06L	Distrelec	715596
R75_R77_R78_R0_R0_R0_R0_R0_R0_R0_R0_R0_R0_R0_R0_R0_								
SEC_ Proposed Pro				R56, R58, R60, R62, R66, R67, R74, R75,				
100 Res. ACRIT 1010 RES. C100000N RES. C10000N RES. C10000N RES. C10000N RES. C1000N RES. C1000N RES. C1000N RES. C1000N RES. C100N RES. C10N RES. C100N RES. C100N RES. C100N RES. C100N RES. C10N RES. C100N RES. C100N RES. C100N RES. C100N RES. C10N			68KII\/ IInensii/	R76, R77, R78, R79, R80, R81, R82, R83,			1	
1966 10,11			\]]1	R95, R96, R97, R133, R134, R135			Distrelec	715632
3 150R	1	100		R105	Resistance	RESC1608X06N	<u> </u>	
2 2.7K	3	180R	[/\]]1	R106, R107, R137	Resistor	RESC1608X06L	Distrelec	715570
2 2 2 2 3 3 3 3 3 3	2	2.7K	/\]]1	R115, R116	Resistor	RESC1608X06L	Distrelec	715596
Total Tota	,	8.2K	8.2K[[/\]]0603[[/\]12	R117. R118	Resistor	RESC1608X06L	Famel	9331565
100K 1/31 1130, R130, R131, R141 Resistor RESC1660006L Dutrelec 715612, 715636 470K 370K 1/320 R130, R131, R141 Resistor RESC1660006L Dutrelec 715652 2 2X 1/31 R130, R131, R141 Resistor RESC1660006L Dutrelec 715652 1 270K 1/32 R140 Resistor RESC1660006L Dutrelec 715632 1 NOP100410307030C Res Themat RT1 Thermition - NTC 10K CHM 115402C RESC1660006L Famel 8330441 1 NOP100410307030C Res Themat RT1 Thermition - NTC 10K CHM 115402C RESC1660006L Famel 8330441 1 NOP100410307030C Res Themat RT1 Thermition - NTC 10K CHM 115402C RESC1660006L Famel 8330441 1 NOP100410307030C RESC1660006L Famel 8330441 2 NOR101317 OMG10137 T.1, T.2, T.3, T.4 25, 3-90 2 NOR101317 OMG10137 T.1, T.2, T.3, T.4 25, 3-90 3 NOR101317 OMG10137 T.1, T.2, T.3, T.4 25, 3-90 4 NOR101317 OMG10137 T.1, T.7, T.3, T.4 25, 3-90 5 NOR101317 OMG10137 T.1, T.7, T.3, T.4 25, 3-90 6 NOR101317 OMG10137 T.1, T.7, T.3, T.4 25, 3-90 7 NOR101321 T.1, T.2, T.3, T.4 25, 3-90 8 NOR101321 T.1, T.2, T.3, T.4 25, 3-90 9 NOR101321 T.1, T.2, T.3, T.4 25, 3-90 1 NOR101321 T.1, T.2, T.3, T.4 25, 3-90 1 NOR101321 T.1, T.2, T.3, T.4 25, 3-90 1 NOR101321 T.1, T.2, T.3, T.4 25, 3-90 2 NOR101321 T.1, T.2, T.3, T.4 25, 3-90 3 NOR101321 T.1, T.2, T.3, T.4 25, 3-90 4 NOR101321 T.1, T.2, T.3, T.4 25, 3-90 5 NOR101321 T.1, T.2, T.3, T.4 25, 3-90 6 NOR101321 T.1, T.2, T.3, T.4 25, 3-90 7 NOR101321 T.1, T.2, T.3, T.4 25, 3-90 8 NOR101321 T.1, T.2, T.3, T.4 25, 3-90 9 NOR10			10K[[/\]]0603[[/				-	
9 100K N- 1 R138, R139, R141 Residor RESC1698000L Direct 715612, 715656 1 270K APRELIPIES R125 Residor RESC1698000L Direct 715622 2 22K 22K 22K 22K R19000 R190, R192 Residor RESC1698000L Direct 715620 1 270K A. 2 R140 Residor RESC1698000L Direct 715620 1 270K A. 2 R140 Residor RESC1698000L Famel 330941 1 NCP150H103F03RC R8 Thermal R11 Thermistors - NTC 10K CHM 1% 0402 RESC1698000L Famel 330941 3 MondOSD-Astero f 190000 XA4+ R140 Residor RESC1698000L Famel 330941 4 DMG1013T DMG1013T T1, T2, T3, T4 28-38 MOURET 1 x P Priorig - 1-04, 28-3-40 RESC1698000L RESC1698000L Famel 330941 4 DMG1013T DMG1013T T1, T2, T3, T4 28-38 MOURET 1 x P Priorig - 1-04, 28-3-40 RESC1698000 NA4+ R140 MOURET 1 x P Priorig - 1-04, 28-3-40 RESC1698000 NA4+ R140 MOURET 1 x P Priorig - 1-04, 28-3-40 RESC1698000 NA4+ RESC1698000 N			100K[[/\]]0603[[R119, R120, R121, R122, R123, R124,			L	
1 470K	9	100K		R138, R139, R141	Resistor	RESC1608X06L	Distrelec	715612, 715636
2 2X	1	470K	/\]]1	R125	Resistor	RESC1608X06L	Distrelec	715652
1 270K	2	22K	\]]1	R130, R132	Resistor	RESC1608X06L	Distrelec	715620
NCP1594103F03RC Res Thornal RT1	4		270K[[/\]]0603[[
MicroSD Astron 5190008.XVA	1						. until	
MicroSD-Admon 5190008-XA4- R1								
4 DMG1013T DMG1013T T1, 72, 73, 74 2 2-8, 3-0 DMG1013T T1, 72, 73, 74 2 2-8, 3-0 DMG1012T DMG1012T T5, 76, 77, 78 2-8, 3-0 DMG1012T T1, 72, 73, 74 2 2-8, 3-0 DMG1012T T1, 75, 76, 77, 78 2-8, 3-0 DMG1012T T1, 75, 76, 77, 77, 77, 77, 77, 77, 77, 77, 77			ASLTRON	04	MicroSD Card connector 5190008-XA4-	A-1 54000000 V · · · ·	1	
4 DMG1012T DMG1012T TS, TG, T7, T8 278, 340 278,					Transistor MOSFET 1 x P Pining : 1=G.		<u> </u>	
4 DMG1012T DMG1012T DMG1012T TS, TR, TR, TR, TR, TR, TR, TR, TR, TR, TR	4	DMG1013T	DMG1013T	T1, T2, T3, T4		SOT50P160X80-3N		
2 ITR8909 ITR8909 Uz. U3 Sereighi Cyto Interrupter ITR8909_LONG MCPELD4T-EVST EVST U4, U5 ITR8909 UB, U7, U8, U9, U10, U11, U12 Everighi Cyto Interrupter ITR8909_EXECUTION ITR8909 UB, U7, U8, U9, U10, U11, U12 Everighi Cyto Interrupter ITR8909_EXECUTION ITR8909_E	4	DMG1012T	DMG1012T	T5, T6, T7, T8	2=S, 3=D 1 x N, Mning : 1=G,	SOT50P160X80-3N	<u></u>	
2 ITR8909 ITR8909 Uz. U3 Sereighi Cyto Interrupter ITR8909_LONG MCPELD4T-EVST EVST U4, U5 ITR8909 UB, U7, U8, U9, U10, U11, U12 Everighi Cyto Interrupter ITR8909_EXECUTION ITR8909 UB, U7, U8, U9, U10, U11, U12 Everighi Cyto Interrupter ITR8909_EXECUTION ITR8909_E	1	MMA7660FC	MMA7660FC	U1	MMA7660FC: XYZ-AXIS ACCELEROMETER ±1.5 g	DFN50P300X300X100-12N		
MCPELOT-E ST					Everlight Opto Interrupter			
2 MCPREDETEST EST UA, U5 Tape and Reel TSSCR-STEAN 7 TIR9909 ITR9909 UB, U7, U8, U9, U10, U11, U12 Evergin/ Cyclo Interrupter SPECIAL STREET OF THE STREET O			MCP6L04T-		TSSOP, Extended Temperature Range,			
SRES SERSIN POLIS SERIES OF YMBECUSPUL SERIES OF YM			E/ST		Tape and Reel			
SMT/Register with Latched 3-State 948F-01 N 948F	7	ITR9909		U6, U7, U8, U9, U10, U11, U12	8-Bit Serial-Input/Serial or Prailel-Output	ITR9909_EDGE	<u> </u>	
3 AP7331-33WG-7 AP7331 U18, U22, U24 Somewhat Lov Cusecomit Counted, 1-88 SOT95P285X100-5N	_	MC74HC595ADTR?	MC74HC595AD TR2	U13 U14 U15 U16 U17	Shift Register with Latched 3-State	948F-01 N	1	
Central Purpose 19-88 Fash Microcorrioller WIUSB On-The-Co.	5				300mA, Low Quiescent Current, Fast		 	
Microcontoler with USB On The Co., Microcontoler with USB On The Co.,		IAP7331-33WG-7	AP7331	U18, U22, U24		SOT95P285X100-5N	-	
1 PIC24FL94GB1064/PT OB-I/PT U19 Indudated Temperature TOPP-PT64_N 1 RIM-3638T TSCP32238 U20 Control Systems Rivecevier Rivecevier	3				Microcontroller with USB On-The-Go,		1	
Receiver	3		DICOVE IS 101			TQFP-PT64 N	1	
Sland-Alone System Load Sharing and Li In/IP-73871-2AAI/ML ZAAI/ML ZAAI/ML U21 Sharing manufacture Controller, 4.27, 20-Pin Management Controller, 4.27, 20-Pin Manage				U19	Industrial Temperature			
MCP73871- Management Controller, 4.27, 2.0 Pe Management Controller, 4.2 Pe Management C	1	PIC24FJ64GB106-I/PT	06-I/PT		IR Receiver Module (36 kHz) for Remote			
1 MOP73871-2AAI/ML 2AAI/ML U21 ORL, industrial Temperature ORN-ML2D, N USB Charger and Over Voltage Detection Device MLP 1.45x/mm 1 LM4819M or NCP2980 LM4819M U25 Shutdown Mode MNBA, N 1 Conta6 Conta6 X1 1 1 x prior connector TYCO, 7-215079-6 1 Conta6 Conta6 X2 1 x prior connector MICO B MICH MICH MICH MICH MICH MICH MICH MICH	1	PIC24FJ64GB106-I/PT	06-I/PT		IR Receiver Module (36 kHz) for Remote Control Systems Stand-Alone System Load Sharing and Li-			
1 FANS88	1	PIC24FJ64GB106-I/PT IRM-3636T	06-I/PT TSOP32236 MCP73871-	U20	IR Receiver Module (36 kHz) for Remote Control Systems Stand-Mone System Load Sharing and Li Ion/LI-Polymer Battery Charge Management Controller, 4.2V, 20-Pin	IR-receiver		
LMM519M or NCP2980	1	PIC24FJ64GB106-I/PT IRM-3636T	06-I/PT TSOP32236 MCP73871-	U20	IR Receiver Module (35 kHz) for Remote Control Systems Stand-Alone System Load Sharing and Li Ion/Li-Polymer Battery Charge Management Controller, 4.2V, 20-Pin QFN, Industrial Temperature	IR-receiver		
1 Con146	1 1	PIC24FJ84GB108-I/PT IRM-3636T MCP73871-2AAI/ML	06-I/PT TSOP32236 MCP73871- 2AAI/ML	U20	IR Receiver Module (36 kHz) for Remote Control Systems Stand-Mone System Load Sharing and Li- lon/ LI-Polymer Battery Charge Management Controller, 4.2V, 20-Pin GFN, Industrial Temperature User Controller and Over Voltage Detection Device	IR-receiver QFN-ML20_N		
1 Contru6 Contru6 X2 1 x 6 pins connector MHDR X6 1 Alstron R3190005-021-R USB_MINIAB X3 USB connector Micro B Astron 3190005-221-r	1 1 1	PIC24FJ84GB108-I/PT IRM-3638T MCP73871-2AAI/ML FAN3988	06-I/PT TSOP32236 MCP73871- 2AAI/ML FAN3988	U20 U21 U23	IR Receiver Module (36 kHz) for Remote Control System Load Sharing and L1 lon L1-Polymer Battery Charge Management Controller, 4-2V, 20-Pin GPN, Industrial Temperature USBV Charger and Over Voltage Detection Device	IR-receiver QFN-ML20_N MLP 1.45x1mm		
	1 1 1 1 1	PIC24FJ64GB106-I/PT IRM-3636T MCP73871-2AAI/ML FAN3988 LM4819M or NCP2980	06-I/PT TSOP32236 MCP73871- 2AAI/ML FAN3988 LM4819M	U20 U21 U23 U25	IR Reacher Module (38 kHz) for Remote Control Systems Stand-Arone System Load Sharing and Li lon Li-Polymer Battery Charge Management Contoller, 4.2 V. 20-Pin GPN, Industrial Temperature USBS Charger and Over Voltage Detection Device 350/mW Audio Power Amplifier with Shutdown Mode	IR-receiver OFN-ML20_N MLP 1.45x1mm M08A_N		
1 815-ABLS-8-B2	1 1 1 1 1 1 1 1	PIC24FJ84GB106-I/PT IRM-3636T IRM-3636T MCP73871-2AAI/ML FAN398B LI44619M or NCP2980 Con1x6	064/PT TSOP32236 MCP73871- 2AAI/ML FAN3988 LM4819M Con1x6_1	U20 U21 U23 U25 X1	IR Racever Module (38 kHz) for Remote Control Systems Sand-Anone System Load Sharing and Li ton LI-Polymer Battery Charge Management Controller, 42V, 20-Pin GPN, Industrial Temperature USB/ Charger and Over Voltage Detection Device 330mW Audio Power Amplifer with Switdown Mode 1 x 6 pins connector	IR-receiver OFN-ML20_N MLP 1.45x1mm M08A_N TYCO_7-215079-6		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1	PIC24FJ84GB106-I/PT IRM-9636T MCP73871-2AAI/ML FAN398B LM4819M or NCP2880 Contril Alloror R3190006-021-R	064/PT TSOP32236 MCP73871- 2AAI/ML FAN3988 LM4819M Con1x6_1 Con1x6 USB_MINIAB	U21 U23 U25 X1 X2 X3	IR Receiver Module (38 Hztp) for Nemote Control Systems Stand Arone System Load Sharing and Li Control Systems Under System Load Sharing and Li Control Systems Management Controller, 4 247, 20-Pin COPN, Industrial Temperature USBS*Chapper and Over Voltage Detection Device 3507n/W Audio Prower Ampilier with Sharitom Mode 11 x 8 pins connector USBS connector USBS connector USBS connector USBS connector USBS connector USBS connector	IR-noceiver GFN-ML 20_N MLP 1.45x1mm M08A_N TYCO_72150796 MHDR 1XS Astron 3190005×21-r		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1	PIC24FJ84GB106-I/PT IRM-9636T MCP73871-2AAI/ML FAN398B LM4819M or NCP2880 Contril Alloror R3190006-021-R	064/PT TSOP32236 MCP73871- 2AAI/ML FAN3988 LM4819M Con1x6_1 Con1x6 USB_MINIAB	U21 U23 U25 X1 X2 X3	IR Receiver Module (38 Hztp) for Nemote Control Systems Stand Arone System Load Sharing and Li Control Systems Under System Load Sharing and Li Control Systems Management Controller, 4 247, 20-Pin COPN, Industrial Temperature USBS*Chapper and Over Voltage Detection Device 3507n/W Audio Prower Ampilier with Sharitom Mode 11 x 8 pins connector USBS connector USBS connector USBS connector USBS connector USBS connector USBS connector	IR-noceiver GFN-ML 20_N MLP 1.45x1mm M08A_N TYCO_72150796 MHDR 1XS Astron 3190005×21-r		