



















	Description	Designator	Fostorint	LibRef	Cus	Curr	Rati	ranc	Va
,	Lencription Carnering	Designator C1; C2; C3; C4; C5; C6; C7; C8; C9; C10; C11; C12; C17; C18; C19; C20; C21; C22; C23; C24; C25; C26; C27	Footprint C0201_IPC_H	Cur	ntity	ont	19	-	0.0
	may shirted	C19, C30, C21, C32, C33, C34, C35, C36, C37 C13, C14, C15, C16, C38, C29, C30, C33, C35, C74, C96, C98,		- up	f	T	۷٤٠	T	10
7	Capacitor	C101, C104, C120, C123, C132, C136, C137, C138, C139, C142 C31, C32, C34, C119, C121, C122, C124, C126, C127, C128,	C0402_PC_H	Сар	22	۲	6.3V	⊢	f 0.1
y Murata	Capacitor	C145, C146, C147	C0402	Сар	13	۲	167	H	f
GR9M32ER6 00107ME20					l	l	ĺ		10
_	Capacitor	C36, C39, C58, C67, C78, C79, C80, C87, C90	C1210,PC,H	Cap	9	٠	6.3V	H	9 7
Vurata	Capacitor	C37, C40, C43, C53, C61, C62	03402_PC_H	Cap	٥	-	6.3V	H	f
38M155R6 3474KE19		C38, C41, C50, C60, C65, C66, C69, C70, C71, C72, C73, C77, C63, C84, C85, C86, C89, C92, C93, C94			l		l		0.4
Vurata	Capacitor	CB3, CB4, CB5, CB6, CB9, C92, C93, C94	C0402_PC_H	Cap	20		6.3V	H	9
GRM155R6 0J474KE19			COMOS IDC H		L				4.7
D	Capacitor	C42, C49, C52, C59, C68, C82, C88, C91		Cap	-	٠	6.3V		0.4
Murata	Capacitor	C44, C45, C46, C47, C54, C55, C56, C57, C63, C64	C0402_PC_H	Сар	10		6.30		5
GRM155R6 0J474KE19					Ι.				476
	Capacitor	CS1, C144	C1210_PC_H	Lap	H		0.30		100
	Capacitor	C75, C134, C135, C143	C0805,M	Liip a	Ħ.		0.30	Н	47.
	Capacian	C76; C97; C99; C100; C102; C103; C105; C106; C108; C109; C110; C111; C114; C115	COURT			1		Н	6,
_	Capacitor	CRI CTIT, CTIM, CTIS	C0402_PC_H	Com	1.		4.71	Н	47
,	Capacitor	C95	00402	Can	Ι,	T	100	Т	47e
,	Canacitor	C107	00402	Con	١,	T	100	Г	100
,	Capacitor	C112, C113	C0201	Can	١,		A 10	Г	27p
,	Canacitor	C116, C117, C118	C0201	Con	١,		250	Г	470 pf
7	Capacitor	C125, C129, C130	00402	Caso	,		167		4.7
7	Capacitor	C140	C0402	Cap	Ī.	Г	167	Γ	33r f
7	Light Emitting Diode	D1, D7, D8	LED0603_M	LED	Ī,	Г	ľ	Γ	RE
				Ė	Ľ	Г	Γ	Г	YEI
7	Light Emitting Diode	D2, D6, D9	LEDOKO3_M	LED	1-3	۰	H	H	w
7	Light Emitting Diode	D3, D4, D5	LEDORO3_M	LED	١,		l		GR EN
MINIDIMM				MINIO	Γ	Г	Γ	Γ	ľ
244 BK 1005HM	244-pin miniDBMM pads	n	minIDMM244	MM244	Ŀ	300	H	\vdash	H
241-T Wurth	Bead Inductor	11, 12, 13, 14, 15, 17	L0402_H	Sead	٥	mA	H	⊢	24
744383230 47	Inductor	16	L2520_H	Ind	١,		ĺ	20%	4.7 H
DFE252012					Γ	Г	Γ	Г	0.4
F-R47M=P2 NTR2101P	Inductor Small Signal MOSFET, -8.0V.	LB, L9	L2520_H	Ind	1-2	۲	⊦	20%	ď
	Small Signal MOSFET, -B.OV, -3.7 A, Single P-Channel, SOT-23	Q1	S0123-H	NTR210	١,		ĺ		
	N-Channel Logic Level Enhancement Mode Field			NDS33	Γ	Г	Γ	Γ	Γ
NDS331N	Effect Transistor	02, 03	SSOT-3_H	1N	12	۲	H	\vdash	07
7	Resistor	R1, R2, R3, R4, R58, R59, R61 R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17,	R0402_PC_H	Res	1	۲	H	5%	N
7	Resistor	R18, R19, R20, R21, R22, R23, R34, R25, R36, R27	R0201_PC_H	Res	23	۲	H	1%	40.
7	Resistor Resistor	R28, R29, R30 R31	R0402_IPC_H R0402_IPC_H	Ros Ros	1	۲	⊦	1%	80. 24
	_	R32, R38, R39, R40, R44, R45, R46, R47, R93, R94, R98, R99, R104, R105, R108, R110, R111, R118, R119, R176, R189, R190,		Г	Γ	T	Γ	Ť	ŕ
	Resistor	R191, R192, R196, R197	R0402_IPC_H	Res	26	L	L	5%	4.7
7	Resistor	R33, R34, R63 R35, R36, R37, R62, R64, R65, R66, R68, R71, R72, R73, R74,	R0402_PC_H	Res	1	۲	H	1%	K
Yageo AC02013R-		R25, R36, R37, R62, R64, R65, R66, R68, R71, R72, R73, R74, R75, R76, R81, R83, R89, R139, R199, R200, R201, R202, R203, R204, R205, R206, R209, R210, R211, R212, R213, R214, R215,			l	l	ĺ		
0710KL	Resistor	R216	80301	Res	34	⊦	⊢	5%	10
?	Resistor	841	80201	Res	١,	-	L	1%	49.
,	Resistor	R42 R43. R178. R179	R0603	Res	1	L	L	1%	K 1K
,	Resistor	R48, R49, R50, R51	RO402_PC_H	Res	4		L	1%	75
	Resistor	R52, R53, R54, R55, R56, R57, R187, R188, R193, R194, R195, R198	R0201	Res	12	L	L	1%	22
7	Resistor	R60 R67 R69 R70 R87 R86 R90 R91 R137 R136 R140 R141	R0402_PC_H	Res	,		L	5%	1.5
7	Resistor		R0402_PC_H	Res.	11	۰	H	5%	510 41.
7	Resistor Resistor	R77 R78	R0402_IPC_H	Res.	,		L	1%	K 258
2 2 2 2 2	Resistor	R79	R0603	Res	,			1%	57. K
	Resistor	RBO, RB6	ROSCO	Res	2			1%	16. K
	Resistor	R82	ROSCO	Res	,		L	1%	22. K
	Resistor	R84	R0402_PC_H	Res	۲	۲	H	5%	1K 14
	Resistor	R85 R92, R95, R96, R97, R100, R101, R103, R106, R107, R109,	ROSCO	Res	۲	H	H	1%	K
	Resistor	R112, R113, R117, R120, R121	R0402_IPC_H	Res	15	۲	H	5%	10
		R102, R114, R115, R116, R122, R121, R124, R125, R126, R127, R126, R120, R130, R131, R132, R142, R144, R144, R144, R145, R144, R147, R146, R149, R150, R151, R152, R153, R154, R155, R156, R157, R156, R159, R150, R161, R162, R163, R164, R165, R166, R167, R160, R169, R170, R171, R172, R173, R174, R175		ĺ	ı		ı		
		R147, R148, R149, R150, R151, R152, R153, R154, R155, R156, R157, R158, R159, R160, R161, R162, R163, R164, R165, R166,		ĺ	ı		ı		
7	Resistor		R0402_IPC_H	Res	49	۲	H	5%	0
7	Resistor Resistor	R133, R134, R135, R136, R177 R180, R181, R182, R183, R184, R185, R186	R0402_IPC_IH R0201	Res Res	7	۲	⊢	1%	49. 201
?	Resistor	R207, R208	R0402_PC_H	Res. 370 V.	1	F	L	5%	200
XVLX- XC7Z020-				XC7202 0-	l	l	ĺ		l
		un	CLG400	CLG400 MT41J1	Ŀ	┡	L	L	L
		112	MICT-JT-96	MT41J1 28M16J T-96	١,		ĺ		
CLG400 MT41J128 MT6JT-96				CMP-	Γ	T	Г	Γ	Γ
	Single Output LDO, 3 A, 2375 to 3.5 V input, with DDD			0395-	ı	l	Cat		
MT41J128 M16JT-96	Single Output LDO, 3 A, 2:375 to 3:5 V Input, with DDR Termination, 10-pin SON (DRC), -40 to 85 degC, Green			00664-		4	9	L	1
MT41J128 M16JT-96	Termination, 10-pin SON	us	DRC0010LV	00664-	,	-			Н
MT41J128 M16JT-96	Termination, 10-pin SON	us	DRC00101_V	00664- 2 CMP- 0165-	,				
MT41J12B M16JT-96 TPSS1200D RCR 25AA02E4B T-UOT	Termination, 10-pin SON (DRC), -40 to 85 degC, Green (RoHS & no Sb/Br) 28 SPI Bus Serial EEPROM with EUI-48 Node Identity, 6- Pin SOT-23, Industrial Temperature, Tape and Real	223 224	DRC00103_V SGT-23-GT6_L	00664- 2 CMP- 0165- 00270- 1 N25Q1	,				
MT41J128 M16JT-96	Termination, 10-pin SON	143 154	DRC00162,V SOT-23-OT6,I. V-PDIN-8,H	00664- 2 CMP- 0165- 00270- 1	,				
MT41J128 M16JT-96 TPSS1200D RCR 25AA02E48 T-I/OT	Termination, 10-pin SON (DRC), 40 to 85 degC, Green (Boht'S & no Shift) 2K SPI Bus Serial EEPROM with EUI-48 Node Identity, 6-Pin SOT-23, Industrial Temperature, Tape and Reel 120Mb, Multiple I/O Serial Hash Memory	142 24		00664- 2 CMP- 0165- 00270- 1 N25/Q1 28A13E F7 CMP- 0165-	,				
MT41/128 MT6/IT-96 TP5/51200D RCR 25AA02648 T-UOT N25/0128A 13EF7	Termination, 10-pin SON (DRC). 4-01 to 55 degC, Green (RoNS & no SavBr) 2K SPI Bas Serial EEPROM with EUI-4R Model Identity, 6-Pin SOT-23, Industrial Termperature, Tape and Boel 128Mb, Multiple I/O Serial Hash Memory. 250K SPI Bas Serial EEPROM, 6-Pin 1530P, Industrial	25 26 26		00664- 2 CMP- 0165- 00270- 1 N25Q1 28A13E	,				
MT41/128 MT6/IT-96 TP5/51200D RCR 25AA02648 T-UOT N25/0128A 13EF7	Termination, 10-pin SON (DISC), 4-0 to 85 degr. Creen (Bold & no Suite) SC SPI Bas Serial ELEROM with ELH-48 Node Identity, 6- Pris SOT-23, Industrial Temperature, Lips and Beal 128Mb, Multiple VO Serial Tilah Memory 256K SPI Bas Serial ELPROM, 9-Pin ESSOP, Industrial Temperature	92 95 95	V-POEN-8_H	00664- 2 CMP- 0165- 00270- 1 N25G1 28A13E F7 CMP- 0165- 00405- 1	,				
MT41/128 MT6/IT-96 TP5/51200D RCR 25AA02648 T-UOT N25/0128A 13EF7	Termination, 10-pin SON (DIKC), 40-to 10 Seg. Creen (Bold & no Suito) SE STIP ILL SERVICE SERV	15 16 16	V-PDIN-8_H T350P-STR_L	00664- 2 CMP- 0165- 00270- 1 N2SQ1 28A13E 67 CMP- 0165- 00406- 1	1				
MT41J128 M10JT-96 TP551200D RCR 25AA02E48 T-UDT N25012BA 13EF7 25AA256- UST AD76898CP Z	Termination, 10-pin SDN (SDR), 4-0 to 80 degr. Ceven (SDR) An on State) (SDR) An on State) AN STHEM SHARM EXPENDED AND THE STHEM SHARM AND THE STATE SHARM AND THE STATE SHARM TEMPORALITY. SIRVE SHARM TEMPORALITY SDR), Multiple IVD Serial Teish Memory 256K SPH Ban Serial EEPROM. 5-00 pindusival Temporality STATE SHARM TEMPORALITY STATE TO STATE SHARM TO STATE T	12 14 15	V-501N-8_H PSSOP-STR_L CP-20-4_N	00664- 2 CMP- 0165- 00270- 1 N2SG1 28A13E 17 CMP- 0165- 1 CMP- 0313- 00576- 2 H5077	1 1 1 2				
MT41J128 MT6JT-96 TP551200D RCR 25AA02E48 T-UDT N25012BA 13EF7 25AA256- UST ADT6B98CP Z H5D77NL	Termination Join SSON (SSC) 400 to Bodgi Cerem (Bott S in ro Schle) ST 978th Semil EFFOOM onth ULH A Node Identity 6- Pro 907-12, Industria. Tope and Red Temperature. Tope and Red Tope State State Temperature. Tope and Red 2005. Plant Same If Hook 1005. Multiple IVO Serial floats Manney 2005. Plant Same IVO Serial floats Manney 2005. Plant Same IVO Serial floats Same IVO Serial S	un	V-FOFN-0,H 1350P-STR_L CP-20-4,N HEGT 7NL	00664- 2 CMP- 0165- 00270- 1 N2SG1 28A13E F7 CMP- 0165- 00405- 1 CMP- 0311- 00576- 2	1 1 1 1 1				
MT6/IT-96 TPS51200D RCR 25AA02E48 T-VOT N25/0128A 13EF7 25AA256-VST	Termentor, 10-pin SON SEQUEL - 40-10 to degic Green (Sent G. no Subbl) AS Philas Sent et (PROM. 6- No SUD-12, Tudantiel Temperature, Tago and Beel 120MG, Mulliple 105 Serial 120MG, Mulliple 10		V-501N-8_H PSSOP-STR_L CP-20-4_N	00664- 2 CMP- 0165- 00270- 1 N2SG1 28A13E 17 CMP- 0165- 1 CMP- 0313- 00576- 2 H5077	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
MT41J128 MT6JT-96 TP5512000 RCR 25AA02E48 T-UOT N25Q128A 13EF7 25AA256- UST ACT6B98CP Z HS077NL	Termentor, 10-pin SON SEQUEL - 40-10 to degic Green (Sent G. no Subbl) AS Philas Sent et (PROM. 6- No SUD-12, Tudantiel Temperature, Tago and Beel 120MG, Mulliple 105 Serial 120MG, Mulliple 10	uno	(V 400N 4.)H 1550P-51B,L CP 30-4,N H6077ML	00664- 2 CMP- 0165- 00270- 1 N2SG1 28A13E 17 CMP- 0165- 1 CMP- 0313- 00576- 2 H5077	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
MT41J128 MT6JT-96 TP551200D RCR 25AA02E48 T-UDT N25012BA 13EF7 25AA256- UST ADT6B98CP Z H5D77NL	Termention 15-ph 500 Section 15-ph 1500 Sect	un	V-FOFN-0,H 1350P-STR_L CP-20-4,N HEGT 7NL	00664-2 2 (7/8P-0165-00270-1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
MT41J128 MT6JT-96 TP5512000 RCR 25AA02E48 T-UOT N25Q128A 13EF7 25AA256- UST ACT6B98CP Z HS077NL	Termentacin Dipili 2008 (Sec.) 40 III 80 despt. Cerem 128 (Sec.) 40 III 80 despt. Cerem 128 (Sec.) 40 III 80 despt. Cerem 128 SP this best of EFFECAL 128 SP the Sec. 128 SP	uno	(V 400N 4.)H 1550P-51B,L CP 30-4,N H6077ML	00664- 2 CMP- 0165- 00270- 1 N25011 28A13E F7 CMP- 0165- 00405- 1 CMP- 0313- 00576- 2 HS077 NL	1 1 1 1 1 1 1 1 1				
MT411728 MT61F-90 MT61F-90 MT61F-90 MT951200D MT951200D MT951200 MT95120 MT951	Termentacin Dipili 2008 (Sec.) 40 III 80 despt. Cerem 128 (Sec.) 40 III 80 despt. Cerem 128 (Sec.) 40 III 80 despt. Cerem 128 SP this best of EFFECAL 128 SP the Sec. 128 SP	99 910 911	(V 400N 4,31 17300N 578,1 CP 20-4,31 Heart 764 (CP 104-4,31 LCDON 4,31	00664- 2 (MP- 0165- 00270- 1 N2SCI1 N	1 1 1 1 1 1 1 1				
MT41728 MT60F-96 MT60	Termentation 15-ph 500 Cross Medical Area Stally Cross Medical Cross Temperature, Tage and fined 12-05. Multiple to Osmat Temperature 12-05. Multiple to Osmat Temperature Cross 15-ph 500 Area Temperature Cross 15-ph 500 Area Temperature Temperature Cross 15-ph 500 Area Temperature Temperatu	2010 2010 2011 2011	S-PERN B, JI (S-SO-6-18) (C-SO-6-19) (C-SO-6-19) (C-SO-6-19) (C-SO-6-1) (C-SO-6-1)	00664-2 2 (7/8P-0165-00270-1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
MT411728 MT60F-96 MT6	Termentance N-5 per SCOL Termentance N-5 per SCOL SI ST No.	200 2019 2021 2022 UTH 6	9-7074-0,11 (7-7074-0,1) (7-7074-0,1) (7-7074-0,1) (7-7074-0,1)	00644- CMBP-0166- 0166- 0170- 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
MT411728 MT61F-90 MT61F-90 MT61F-90 MT951200D MT951200D MT951200 MT95120 MT951	Termentation 15-ph 500 Cross Medical Area Stally Cross Medical Cross Temperature, Tage and fined 12-05. Multiple to Osmat Temperature 12-05. Multiple to Osmat Temperature Cross 15-ph 500 Area Temperature Cross 15-ph 500 Area Temperature Temperature Cross 15-ph 500 Area Temperature Temperatu	2010 2010 2011 2011	S-PERN B, JI (S-SO-6-18) (C-SO-6-19) (C-SO-6-19) (C-SO-6-19) (C-SO-6-1) (C-SO-6-1)	00664- CMP- 0165- 0165- 0165- 0270- 1 N25G11 N25G11 CMP- 00465- 1 CMP- 00376- 2 1155077 NL AR8035 TX5090 2 TF5620 CMP- 0786-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				25 MR