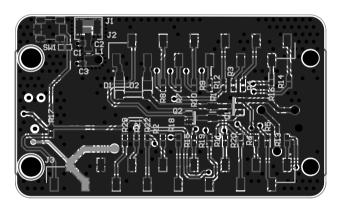


Layer	Name	Material	Thickness	Constant	Board Layer Stack
	Top Overlay				
	Top Solder	SM-001	1.00mil	4	
	Top Surface Finish	PbSn	0.79mil		
1	Top Layer	CF-004	1.38mil		
	Dielectric 1	Core-043	59.00mil	4.3	
2	Bottom Layer	CF-004	1.38mil		
	Bottom Surface Finish	PbSn	0.79mil		
	Bottom Solder	SM-001	1.00mil	4	
	Bottom Overlay				



Layer	Name	Material	Thickness	Constant	Board Layer Stack
	Top Overlay				
	Top Solder	SM-001	1.00mil	4	
	Top Surface Finish	PbSn	0.79mil		
1	Top Layer	CF-004	1.38mil		
	Dielectric 1	Core-043	59.00mil	4.3	
2	Bottom Layer	CF-004	1.38mil		
	Bottom Surface Finish	PbSn	0.79mil		
	Bottom Solder	SM-001	1.00mil	4	
	Bottom Overlay				

	ne D		Designator	Quantity	Manufacturer 1	Manufacturer Part Number 1		auppilei i	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	M	fultilayer teramic									
GRM	MEED	anacitors.									
71C1 88D	:104KA M	LCC - MD/SMT0.1	C1	1	Murata	GRM155R71C104KA88D		Mouser	81-GRM155R71C104KA88		
880	u6	F16 VDC 10%									
	04	402 X7R									
NC	G	ieneric apacitor	C2	1							
_	M	fultilayer									
	0	Seramic									
CCO	0402B C	apacitors LCC-	СЗ								
3R6	S S	MD/SMT50V	Lis .								
		.6pFC0G									
_	04	402 Tol 0.1pF									
		Aultilayer Teramic									
	c	apacitors LCC-									
1uF	M	LCC-	C4	1	Murata	GRM155Z71A105KED1J	Volume Production	Mouser	81-GRM155Z71A105KE1J		
	S	MD/SMT									
	1.	.0UF 10V 10% 402									
	M	fultilayer									
	0	teramic									
GRM	M033R C	apacitors LCC-	C5		Murata	GRM033R61C104KE14D	Volume Production	Mouser	81-GRM033R61C104K64D		
14D	S	MD/SMT0201	Co .		Wata	CRW033PB1C104PE14D	Volume Production	Wouser	ST-CHWUSSHBTCTUHRDHD		
-	0.	1uF10volts									
_	X	SR 10% Nutiliaver									
	C.	tutsayer Teramic									
GRM	M88Z C	Teramic Sapacitors									
	475KE M	LCC-	C5	1							
21D	S	MD/SMT4.7 F16 VDC 10%									
	0	603 X7R									
	M	fultilayer									
	0	Seramic									
GRM	W1555 M	apacitors LCC-									
C1H 01D	IS	MD/SMT120	C6	1	1			Arrow Bectronics	1		
010	Pi Pi	F50 VDC5%			l	1		l	l		
	04	402 COG NPO)			l	1		l	l		
-	M	fultilayer						i e			
	0	eramic			l			1	1		
GRM 61A2	W188R C 226M M	apacitors LCC-	C7	4	l	1		Arrow Bectronics	GRM188R61A226ME15J		
E15J	u ba	MD/SMT22 LF	· .		l	ĺ					
- 1 -	10	0 VDC 20%			l			1	1		
1.600		603 X5R			-	l					
SFT3		liode	D1, D2	2	l	ĺ		l	l		
- 1-11		Witching									
	W	bitage			l	ĺ		l	l		
	R	boulators 2.5-			l	ĺ		l	l		
TEXAS		to 5.5-V put, 1-A			l			1	1		
DRLE	Ro	utput high- fficiency step-	IC1	1							
	ef	fficiency step-									
	do	own converter -SOT-5X3 -40									
	tr	125									
		ONIPEMHE									
	s	MT									
	D	CONTROL C									
2027	79. RI	FDC-6GHZ									
001E	E-01	SWR: 1.3 nax. at 0.1-	Ji	1	Taoglas	RECE20279.001E01		Digi-Key	931-1107-1-ND		
	m a	GHz; VSWR:									
	1:	.5 max. at 3-									
		leaders & Wire									
	A-112- S.	lousings lurface Mount	,	1	l	ĺ		l	l		
	V-P-TR PI	CBSocket	Þ	1							
	3	trips, .100°									
_	- 8	itch leaders & Wire									
	н	lousings									
SSM	#116- S	lurface Mount	B	1	Samtec	S9M-116-F-SV	Volume Production	Digi-Key	SSM-116-F-SV-P-ND		
F-9/		CB Socket trips, .100*						,			
	oi.	itch									
	0	ONPLUGOF									
TC20 NL	J30- N	IALS6 PIN OOTPRINTNO	J4	1					NOT FITTED PART		
	LE	EGS									
		nductor									
	W W18AN ni	Wrewound, 18 H, 75									
18N	KSRZD M	filiohm +2%	L1	1							
	1.	.4 A, 0603									
	[1	(608 Metric)									
	9	hielded			l	ĺ		l	l		
DFE	20161 W	Wrewound uH 20% 1MHz			l	ĺ		l	l		
2P-	10	uH20%1MHz	L2	1	l	ĺ		Arrow Bectronics			
1R08	M-P2 M	fetal 2.7A :0540hm DCR	1		l	ĺ					
	o.	www.muck									
-	- 10	806 T/R									
		806 T/R VE-SHC									
	02255	hielding									
	02255	hielding	MP1	1							
3610 S	93 03255 C Pi Pi	hielding abinet, SMT rame, Tin fated, Tray,	MP1	1							
s	93255 Ca FR PI 25	hielding labinet, SMT trame, Tin fated, Tray, 5x25x3mm		1							
S	03255 C FR PI 25 G3415 M	hielding labinet, SMT rame, Tin fated, Tray, 5x25x3mm IOSPET (P-	MPI Q1	1							
s	03255 C R P 22 G3415 M	hielding labinet, SMT irame, Tin fated, Tray, 5x25x3mm IOSPET (P- thannel)	Q1	1							
S DMG U-7	03255 C FR PI 25 G3415 M C S138BK M 15 C	hielding labinet, SMT tame, Tin flated, Tray, 5x25x3mm fCSFET (P- thannel) fCSFET (N- thannel)		1 1							
DMG U-7 BSS1	03255 C FR PI 25 G3415 M C S138BK M 15 C	hielding labinet, SMT frame, Tin fated, Tray, 5x25x3mm IOSPET (P- hannel) IOSPET (N- hannel) hick Film	Q1	1							
DMG U-7 BSSI W,11	93255 C R P 22 G3415 M 61388K M 115 C T 10805JR R	hielding labinet, SMT irame, Tin lated, Tray, 5x25x3mm 10SPET (P- hannel) hick Film lesistors -	Q1 Q2	1 1							
DMG U-7 BSS1	9 03255 C Fr PH 22 25 C G G G G G G G G G G G G G G G G G G	hielding labinet, SMT tame, Tin fated, Tray, 5x/25x3mm IOSFET (P- hannet) hick Film lesistors - MD 100 Ohms 125	Q1	1 1 1 1							
DMG U-7 BSSI W,11	9 03255 C Fr Pl 22 C S S S S S S S S S S S S S S S S S	hielding labinat, SMT lame, Tin lated, Tiny, 5x25x3mm IOSFET (P- hannel) IOSFET (N- hannel) hick Film lesistors - MO Ohrs 125 IW 08055%	Q1 Q2	1 1 1							
DMG U-7 BSSI W,11 RC08 0710	33255 C R R R 22 23415 M C 31388K M 115 O 115 0805.R 31006L K	hielding labinet, SMT latene, Tin lated, Tlay, 5x25x3mm IOSFET (P- hannel) IOSFET (N- hannel) hick film lasistors - MD 100 Othris 125 hielding 5% lasistors - MD 100 Iose Iose Iose Iose Iose Iose Iose Iose	O1 O2 R1	1 1 1							
DMG U-7 BSSI W,11	31388K M 15 OOKL R 1805.R 1900.L 1000.L	hielding tabinet, SMT lame, Tin fated, Tray, 5v25v3rmm MOSPET (P- hannet) NOSPET (N- hannet) hick Film lesistors - MD 100 Ohrns 125 NW 0805 5% lesistors Thick Ilm - SWD 4v2 0.063 WO	C1 C2 R1 R2, R3, R4,	1 1 1 1	Mshay	CPC/N6402000020ED		Doj-Yey	SH-QADEND		
DMG U-7 BSSI W,11 RC08 0710	31388K M 15 OOKL R 1805.R 1900.L 1000.L	hielding labinet, SMT latene, Tin lated, Tlay, 5x25x3mm IOSFET (P- hannel) IOSFET (N- hannel) hick film lasistors - MD 100 Othris 125 hielding 5% lasistors - MD 100 Iose Iose Iose Iose Iose Iose Iose Iose	Cri Cri Rri Rz, Rz, R4, R17, R23, R29	1 1 1 1 6	Vishay	CHCM6402000020ED			SH QAZEND		
DMG U-7 BSSI W,11 RC08 0710	303255 C. R. P. P. 22 G3415 M. C. States M. M. 15 C. States M. R. States M. M. States M. R. States M. R. R. States M. R. R. R. States M. R.	hielding abinet, SMT rame, Tin fated, Tray, So25x3rmm 10SFET (P- hannel) 10SFET (N- hannel) 10SFET (O1 O2 R1 R2, R3, R4, R17, R23, R29 R5, R6, R7, R8	1 1 1 1 6	Mshay	CPC/H0402000028ED			541-0.0.CTND		
DMG U-7 BSS1 W,111 PCDR 0710	903255 C. F. F. F. F. C.	hielding abinet, SMT abinet, SMT abinet, SMT atame, Tin lated, Tiny, Society Tiny, Society Tiny, SMT abinet, SMT a	C1 C2 R1 R2, R3, R4, R17, R23, R29 R5, R6, R7, R8, R6, R7, R8					Dgi-Yey			
DMG U-7 BSSI W,11 RC08 0710	39 03255 C Fr PR 22 23415 M C 33388K M 15 C Tr 0004. kc	hielding abbinet, SMT tarme, Tin tated, Tiny, Sic25-Gmm (CSFET (Phannel)) (CSFET (Phannel)) (CSFET (N thannel)) (CSFET (N than	C01 C02 R1 R2, R3, R4, R17, R23, R29 R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R18, R15, R16, R18,		Mshay Mshay	CPC/V0422000ZEED	Notume Production	Dgi-Yey	SH-GOUCTNO SH-GOUCTNO		
DMG U-7 BSS1 W,111 PCDR 0710	39 03255 C Fr PR 22 23415 M C 33388K M 15 C Tr 0004. kc	hielding abbinet, SMT tarme, Tin tated, Tiny, Sic25-Gmm (CSFET (Phannel)) (CSFET (Phannel)) (CSFET (N thannel)) (CSFET (N than	C1 C2 R1 R1 R2 R3, R4, R17, R23, R29 R5, R6, R7, R8, R10, R11, R12, R13, R14, R15, R16, R16, R16, R18				Notume Production	Dgi-Yey			
DMG U-7 BSS1 W,111 PCDR 0710	93255 C RF PR 22 233415 M 115 C 13388K M 115 C 1305.R PR 1300KL K 100 C 100 C 100 C 100 C 100 C 100 C 100 C 100 C 100 C 100 C	hielding abbinet, SMT trame, Tin lated, Tiny, Sk25-Simm (CSFET (Phannel) hick Film his Film h	C01 C02 R1 R2, R3, R4, R17, R23, R29 R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R18, R15, R16, R18,				Notume Production	Dgi-Yey			
DMG U-7 BSS1 W,111 PCDR 0710	903255 C PH	hielding abinet, SMT abinet, SMT fatame, Tin fatament (ICSFET (Phannel)) hick Film besistors - MD 100 homes 125 MV 0800 59% besistors Thick film - SMD home subsistors Thick film - SMD fatament fatam	C1 C2 R1 R1 R2 R3, R4, R17, R23, R29 R5, R6, R7, R8, R10, R11, R12, R13, R14, R15, R16, R16, R16, R18				Volume Production	Dgi-Yey			
S DMG U-7 BSSI W,11 RC00 0710 NC	303255 C C R R R R R R R R R R R R R R R R R	hielding abbinet, SMT frame, Tin Justed, Tray, Su25sGrum (1974), S	G1 G2 R1 R2, R3, R4, R17, R23, R29 R6, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R18, R19, R20, R21, R22, R24				Notume Production	Dgi-Yey			
DMG U-7 BSS1 W,111 PCDR 0710	S S S S S S S S S S S S S S S S S S S	hielding abinet, SMT farme, Tin lated, Thay, Sc55s/Grmm (ISSEC (Phannel) IOSFEC (Phannel) IOSFEC (Phannel) Inick Film lastetors MIO 100 Ohms 125 (MIO 100 Ohms 125 MIO 100 Ohms 125 MIO 100 Ohms 125 MIO 100 Ohms Inick Film Inick Film Inick Film Inick Film SMIO MIO 100 Ohms Inick Film Inick Film Inick Film lastetors Thick Inick Film Inick Film lastetors MIO 1/20 wat 100 Ohms Inick Film lastetors - MIO 1/20 wat 100 Ohms Inick Film lastetors - MIO 1/20 wat 100 Ohms Inick Film lastetors - MIO 1/20 wat 100 Ohms Inick Film lastetors - MIO 1/20 wat 100 Ohms Inick Film lastetors - MIO 1/20 wat 100 Ohms Inick Film lastetors - MIO 1/20 wat 100 Ohms Inick Film lastetors - MIO 1/20 wat 100 Ohms Inick Film lastetory - MIO 1/20 Ohms Inick Film lastetory - MIO 1/20 Ohms Inick Film lastetory -	C1 C2 R1 R1 R2 R3, R4, R17, R23, R29 R5, R6, R7, R8, R10, R11, R12, R13, R14, R15, R16, R16, R16, R18				Volume Production	Dgi-Yey			
DMG U-7 BISST W.11 RC08 0710 NC	S S S S S S S S S S S S S S S S S S S	hielding abinet, SMT farme, Tin lated, Thay, Sc55s/Grmm (ISSEC (Phannel) IOSFEC (Phannel) IOSFEC (Phannel) Inick Film lastetors MIO 100 Ohms 125 (MIO 100 Ohms 125 MIO 100 Ohms 125 MIO 100 Ohms 125 MIO 100 Ohms Inick Film Inick Film Inick Film Inick Film SMIO MIO 100 Ohms Inick Film Inick Film Inick Film lastetors Thick Inick Film Inick Film lastetors MIO 1/20 wat 100 Ohms Inick Film lastetors - MIO 1/20 wat 100 Ohms Inick Film lastetors - MIO 1/20 wat 100 Ohms Inick Film lastetors - MIO 1/20 wat 100 Ohms Inick Film lastetors - MIO 1/20 wat 100 Ohms Inick Film lastetors - MIO 1/20 wat 100 Ohms Inick Film lastetors - MIO 1/20 wat 100 Ohms Inick Film lastetors - MIO 1/20 wat 100 Ohms Inick Film lastetory - MIO 1/20 Ohms Inick Film lastetory - MIO 1/20 Ohms Inick Film lastetory -	G1 G2 R1 R2, R3, R4, R17, R23, R29 R6, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R18, R19, R20, R21, R22, R24				Volume Production	Dgi-Yey			
DMG U-7 BSST W.11 RC08 0710 NC	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	hielding abinet, SMT tame, I'n hated, Tiay, SoSSuSmm 1059ET (Ph. harmel) 105FET (N. hammel) 105FET (N. harmel) 105FET (N. harme	C1 C2 R1, R4, R4, R5, R6, R6, R7, R8, R8, R0, R11, R12, R13, R14, R15, R16, R18, R19, R20, R20, R20, R20, R20, R20, R20, R20				Volume Production	Dgi-Yey			
S DM3 U-7 BSS1 W.11 RC08 0710 NC NC R 100K	S S S S S S S S S S S S S S S S S S S	hielding abilinet, SMT tame, I'm babinet, SMT tame, I'm batted, I'may, So25schmm IOSFET (IP bannesh) IOSFET (IP bannesh) IOSFET (IP bannesh) Inick Film inick Film inick Film inick Film sesistors Thick Iim - SMD 402 0.063 W/O PM Jumper Lesistors Thick Iim - SMD 402 0.063 W/O PM Jumper Inick Film initial Milm	C1 C2 R1, R4, R4, R5, R6, R6, R7, R8, R8, R0, R11, R12, R13, R14, R15, R16, R18, R19, R20, R20, R20, R20, R20, R20, R20, R20				Volume Production	Dgi-Yey			
S DM3 U-7 BSS1 W.11 RC08 0710 NC NC R 100K	S S S S S S S S S S S S S S S S S S S	hielding abinet, SMT tame, I'n hated, Tiay, Softscharm (DSFET (N- harmel) 10GFET (N- harm	G1 G2 R1 R2, R3, R4, R17, R23, R29 R6, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R18, R19, R20, R21, R22, R24				Notume Production	Dgi-Yey			
S DM3 U-7 BSS1 W.11 RC08 0710 NC NC R 100K	S S S S S S S S S S S S S S S S S S S	hielding abinet, SMT tame, I'n hated, Tiay, Softscharm (DSFET (N- harmel) 10GFET (N- harm	C1 C2 R1, R4, R4, R5, R6, R6, R7, R8, R8, R0, R11, R12, R13, R14, R15, R16, R18, R19, R20, R20, R20, R20, R20, R20, R20, R20				Volume Production	Dgi-Yey			
S DMG U-7 ESST W.111 RC00 0710 NC OR 100k	S S S S S S S S S S S S S S S S S S S	hielding abinet, SMT came, I'm abinet, SMT came, I'm fasted, I'may, I'm fasted, I'may, Sd25xGrmm (ICSFET (IP-Inamnel) (IP-Inamnel) (ICSFET (IP-Inamnel) (IP-	C1 C2 R1, R4, R4, R5, R6, R6, R7, R8, R8, R0, R11, R12, R13, R14, R15, R16, R18, R19, R20, R20, R20, R20, R20, R20, R20, R20				Volume Production	Dgi-Yey			
S DMC U-7 BSS1 PM	S S S S S S S S S S S S S S S S S S S	hielding abilinet, SMT tarme, I'll abilinet, SMT tarmen) his SMT tarmen, I'll abilinet, SMD tarmen, I'll abilinet, SMT tarmen, I'll ab	C1 C2 R1 R1 R2 R2, R3, R4, R3 R7, R23, R6, R7, R8, R10, R11, R12, R13, R14, R15, R16, R16, R16, R16, R16, R16, R16, R16				Volume Production	Dgi Yey Dgi Yey			
S DMG U-7 ESST W.111 RC00 0710 NC OR 100k	S S S S S S S S S S S S S S S S S S S	hielding abinet, SMT tame, I'm babinet, SMT tame, I'm babed, Tilly SMT tamenel) his kir lim babed, Tilly SMT tamenel, Till	C1 C2 R1, R4, R4, R5, R6, R6, R7, R8, R8, R0, R11, R12, R13, R14, R15, R16, R18, R19, R20, R20, R20, R20, R20, R20, R20, R20				Volume Production	Dgi-Yey			
S DMC U-7 BSS1 PM	S S S S S S S S S S S S S S S S S S S	hielding abinet, SMT tame, I'm babinet, SMT tame, I'm babed, Tilly SMT tamenel) his kir lim babed, Tilly SMT tamenel, Till	C1 C2 R1 R1 R2 R2, R3, R4, R3 R7, R23, R6, R7, R8, R10, R11, R12, R13, R14, R15, R16, R16, R16, R16, R16, R16, R16, R16				Voluma Production	Dgi Yey Dgi Yey			
S DMM U.7. SSS W.11 RC000 OT 10 OR 10 OR 10 OR RC0 OF RC RC RC0 OT 46 OF RC0 OF	03255 C R R R R R R R R R R R R R R R R R R	histoling subshed soft of the control of the contro	O1 O2 R1 R2, R3, R4, R1, R2, R3, R4, R1, R12, R13, R14, R12, R13, R14, R12, R13, R14, R14, R12, R13, R14, R14, R14, R14, R14, R14, R14, R14				Volume Production	Dg-Key Dg-Key Ruture Bioctonics			
S	03255 C R R R R R R R R R R R R R R R R R R	historing bindering ship of the property of th	C1 C2 R1 R1 R2 R2, R3, R4, R3 R7, R23, R6, R7, R8, R10, R11, R12, R13, R14, R15, R16, R16, R16, R16, R16, R16, R16, R16				Volume Production	Dgi Yey Dgi Yey			
S DMM U.7. SSS W.11 RC000 OT 10 OR 10 OR 10 OR RC0 OF RC RC RC0 OT 46 OF RC0 OF	03255 C R R R R R R R R R R R R R R R R R R	helding heldin helding helding helding helding helding helding helding helding	O1 O2 R1 R2, R3, R4, R1, R2, R3, R4, R1, R12, R13, R14, R12, R13, R14, R12, R13, R14, R14, R12, R13, R14, R14, R14, R14, R14, R14, R14, R14				Noblame Production	Dg-Key Dg-Key Ruture Bioctonics			
S	03255 C P P P P P P P P P P P P P P P P P P	historing bindering ship of the property of th	O1 C2 R1 R2 R2 R3 R4 R7 R2 R3 R4 R7 R2 R3 R4 R7 R2 R3 R4 R7 R2 R3				Notume Production	Dg-Key Dg-Key Ruture Bioctonics			
S	03255 C R R R R R R R R R R R R R R R R R R	helding heldin helding helding helding helding helding helding helding helding	O1 O2 R1 R2, R3, R4, R1, R2, R3, R4, R1, R12, R13, R14, R12, R13, R14, R12, R13, R14, R14, R12, R13, R14, R14, R14, R14, R14, R14, R14, R14				Volume Production	Dg-Key Dg-Key Ruture Bioctonics			
S	03265 C R R R R R R R R R R R R R R R R R R	helding heldin helding helding helding helding helding helding helding helding	O1 C2 R1 R2 R2 R3 R4 R7 R2 R3 R4 R7 R2 R3 R4 R7 R2 R3 R4 R7 R2 R3				Volume Production	Dg-Key Dg-Key Ruture Bioctonics			