2 1. 1 Market	1	Designator IPCB1	Quantity 1	Value	PartNumber TIDA-01572	Manufacturer	Description Printed Circuit Board	PackageReference	
Subsect Subsect <t< th=""><th>2</th><th>(C1, C2, C5, C6, C8, C9, C10, C11, C18, C19, C20, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C40, C43, C44, C45, C47, C48,</th><th>55</th><th>0.1uF</th><th>DORUSSIA GRM155R71C104KA88D</th><th>MuRan</th><th>C4P, C2BM, 0.1uP, 187, 41106, 378, 0402</th><th>0402</th></t<>	2	(C1, C2, C5, C6, C8, C9, C10, C11, C18, C19, C20, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C40, C43, C44, C45, C47, C48,	55	0.1uF	DORUSSIA GRM155R71C104KA88D	MuRan	C4P, C2BM, 0.1uP, 187, 41106, 378, 0402	0402	
1 1 2		C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, O80, C78, C90, C91, C92, C93, C94, C95, C96, C104							
1 1	4 5	C3 C4 C7, C17, C46, C75, C79, C88,	1 9	470pF 1uF	GRM188R/1A225KE15D GRM1555C1E471JA01D GRM188R71A105KA61D	MuRata MuRata MuRata	CAP, CERM, 22 JP, 10 V, 4/- 10%, X7R, 0603 CAP, CERM, 470 pF, 25 V, 4/- 5%, C0G/NP0, 0402 CAP, CERM, 1 µF, 10 V, 4/- 10%, X7R, 0603	0603	
No. No. <td>6</td> <td>C89, C101, C103 C12, C16, C39, C41, C62, C63, C64, C69, C80, C81, C84, C87, C99, C100, C102</td> <td>15</td> <td>0.1uF</td> <td>C1005X7R1E104M050BB</td> <td>ток</td> <td>CAP, CERM, 0.1 µF, 25 V, +/- 20%, X7R, 0402</td> <td>0402</td>	6	C89, C101, C103 C12, C16, C39, C41, C62, C63, C64, C69, C80, C81, C84, C87, C99, C100, C102	15	0.1uF	C1005X7R1E104M050BB	ток	CAP, CERM, 0.1 µF, 25 V, +/- 20%, X7R, 0402	0402	
Dist Dist <thdist< th=""> Dist Dist <thd< td=""><td>8</td><td>C13, C14, C82, C83 C15, C21</td><td>*</td><td>2.2uF</td><td>C1608X7R1A225K080AC</td><td>TDK</td><td>CAP, Tanadin Polyman, 22 pP, 20 V, 41-209, 0.09 01m, 3526-21 380 CAP, CERM 2.2 pF 10 V a/r 10%, X7R, 0603</td><td>0603</td></thd<></thdist<>	8	C13, C14, C82, C83 C15, C21	*	2.2uF	C1608X7R1A225K080AC	TDK	CAP, Tanadin Polyman, 22 pP, 20 V, 41-209, 0.09 01m, 3526-21 380 CAP, CERM 2.2 pF 10 V a/r 10%, X7R, 0603	0603	
B B B B B Deck Deck <thdeck< th=""> <thdeck< th=""> <thdeck< th=""></thdeck<></thdeck<></thdeck<>	9	C42, C61, C65, C74	4	0.1uF	GRM155R71C104KA88D	MuRata	CAP, CERM, 0.1 µF, 16 V, +/- 10%, X7R, 0402	0402	
D D <thd< th=""> D D D</thd<>	10	C66	1	10uF	GMK316AB7106KL	Taiyo Yuden Ranaroolo	CAP, CERM, 10 µF, 35 V, +/- 10%, X7R, 1206	1206 SMT Podial E	
No. No. <td>12</td> <td>C68</td> <td>1</td> <td>1uF</td> <td>GRM21BR71H105KA12L</td> <td>MuRata</td> <td>CAP, CERM, 1 µF, 50 V, 4/- 10%, X7R, 0805</td> <td>0805</td>	12	C68	1	1uF	GRM21BR71H105KA12L	MuRata	CAP, CERM, 1 µF, 50 V, 4/- 10%, X7R, 0805	0805	
B B D	13	C70	1	0.1uF 47uF	EEU-FC1C470	Muraia Panasonic	CAP, CERM, 0.1 pr. 50 V, +/- 10%, X/R, 0803 CAP, AL, 47 pF, 16 V, +/- 20%, 0.8 ohm, AEC-0200 Grade 2, TH	D5xL11mm	
D D	15	C72, C73 C76	1	0.1uF	GRM21B2/1A226ME15L GRM155R71A104KA01D	MuRata	CAP, CERM, 22 (JP, 10 V, #/- 20%, X/R, 0805 CAP, CERM, 0.1 (JF, 10 V, #/- 10%, X/R, 0402	0402	
B D	17	C77 C105, C106	1	0.01uF 1uF	GRM155R70J103KA01D GRM188R61E105KA12D	MuRata MuRata	CAP, CERM, 0.01 µF, 6.3 V, +/- 10%, X7R, 0402 CAP, CERM, 1 µF, 25 V,+/- 10%, X5R, 0603	0402 0603	
D D <thd< th=""> D <thd< th=""> <thd< th=""></thd<></thd<></thd<>	19 20	D1 D2	1	Green Blue	LTST-C171GKT SMLP12BC7TT86	Lite-On Rohm	LED, Green, SMD LED, Blue, SMD	LED_0805 Blue LED	
B B	21	D3 H1, H2, H3, H4	4	Blue	LTST-C170TBKT NY PMS 440 0025 PH	Lite-On B&F Fastener Supply	LED, Blue, SMD Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	LED_0805 Screw	
Sim Jim Jun Processing Same Converty Basks Processing Processing<	23 24	H5, H6, H7, H8 J1	4		1902C PBC03SAAN	Keystone Sullins Connector Solutions	Standoff, Hix, 0.5'L #4-40 Nylon Header, 100mil, 3x1, Gold, TH	Standoff PBC03SAAN	
D D <thd< th=""> D D D</thd<>	25 26	J2, J3, J4, J6, J12, J14, J15, J18, J20, J21, J22, J26 J5	12		PBC02SAAN SSQ-108-02-G-D-RA	Sullins Connector Solutions	Haader, 100mil, 2x1, Gold, TH Receptacle. 100mil. 8x2. Gold, R/A, TH	Sulins 100mil, 1x2, 230 mil above insulator SSQ-108-r/2-rc-P-P	
D D Distance Distance <thdistance< th=""> Distance<</thdistance<>	27 28	J7 J8, J25	1 2		TSW-108-08-G-D-RA PEC02DAAN	Samec Sullins Connector Solutions	Header, 100mil 8s2, Gold, R/A, TH Header, 100mil 2s2, Tin, TH	8x2 R/A Header Header, 2x2, 2.54m TH	
No. No. No. Point Block on Version State Mark Structures Hand Action State Mark Structures Hand Action Mark Mark Structures Hand Action Mark Mark Mark Mark Mark Mark Mark Mark	29	19	1		0395443002	Molex	Terminal Block, 5.08mm, 2x1, TH	Terminal Block, 5.08mm, 2x1, TH	
n n n number of the state state of the state state of the sta	30	J10, J29	2		BRC03DAAN	Wurth Elektronik	Ierminar Isock, 5 mm, 2xt, Tin, TH	rerminal Block, 5 mm, 2x1, TH Sulling 100mil 17	
No. No. <td>31</td> <td>J11, J27</td> <td>2</td> <td></td> <td>PBC03DAAN 804-10-015-10-002000</td> <td>Mil-Max</td> <td>Header, 100ml, 342, Gold, TH Header, 2.54mm, 5x3, Gold, TH</td> <td>Sulins 100mil, 203, 230 mil above insulator Header, 2.54mm, 5i</td>	31	J11, J27	2		PBC03DAAN 804-10-015-10-002000	Mil-Max	Header, 100ml, 342, Gold, TH Header, 2.54mm, 5x3, Gold, TH	Sulins 100mil, 203, 230 mil above insulator Header, 2.54mm, 5i	
J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J. J	33	J16	1		DX4R205JJAR1800	JAE Electronics	Connector, Receptacle, Micro-USB Type AB, R/A, Bottom Mount SMT	TH Connector, USB	
B D	34	J17	1		LPPB061NGCN-RC	Sullins Connector Solutions	Receptacle, 50mil, 6x1, Gold, R/A, TH	Micro AB 6x1 Receptacle	
29 64.00 2 500 Capabia Space Sec Nr. 11.427 Jam. 64 1 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 <td>35</td> <td>J19 J23 J28</td> <td>1 2</td> <td></td> <td>RAPC712X 7006</td> <td>Switchcraft Keystone</td> <td>Power Jack, mini, 2.5mm OD, R/A, TH Bioding Post RED, TH</td> <td>Jack, 14.5x11x9mm 11.4x27.2mm</td>	35	J19 J23 J28	1 2		RAPC712X 7006	Switchcraft Keystone	Power Jack, mini, 2.5mm OD, R/A, TH Bioding Post RED, TH	Jack, 14.5x11x9mm 11.4x27.2mm	
B C I EXP First Ends Soluth # 10048_ M. Mod. Exp	37	J24, J30	2	300 obm	7007 NEZ2MSMR01SN10	Keystone Mi Bata	Binding Post, BLACK, TH Serrite Beart 300 chm (9 100 MHz 3.1.4, 0906	11.4x27.2mm	
all click Disk Disk <thdisk< th=""> Disk Disk <thd< td=""><td>39</td><td>L2</td><td>1</td><td>600 ohm</td><td>MPZ2012S601A</td><td>TDK</td><td>Ferrite Bead, 600 chm @ 100MHz, 2A, 0805</td><td>0806</td></thd<></thdisk<>	39	L2	1	600 ohm	MPZ2012S601A	TDK	Ferrite Bead, 600 chm @ 100MHz, 2A, 0805	0806	
C Res	40	L3 R1, R2, R3, R38,	6	470nH 33.0	VLS2012ET-R47N ERJ-2RKF33R0X	TDK Panasonic	Inductor, Shielded Drum Core, Ferrite, 470 nH, 2 A, 0.059 ohm, SMD RES, 33.0, 1%, 0.1 W, 0402	0402	
HS 56, H27, H45, H42, H42, H42, H43, H45, H45, H45, H45, H45, H45, H45, H45	42	R39, R40 R4, R5, R9, R11,	19	10.0k	ERJ-2RKF1002X	Parasonic	RES. 10.0 k. 1%. 0.1 W. 0402	0402	
4.1 6.1 1 <td></td> <td>R15, R35, R37, R41, R43, R44, R45, R46, R52, R53, R59, R61, R62, R64, R65</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		R15, R35, R37, R41, R43, R44, R45, R46, R52, R53, R59, R61, R62, R64, R65							
Bits Bits A Bits Discord Projection Yeaps America PEEs to 1 X to 0000000000000000000000000000000000	43	R7, R32, R33, R54, R55, R56, R57, R58	8	33.2	RC0201FR-0733R2L	Yageo America Yageo America	RES, 880, 1%, 0.1 W, 0803 RES, 33.2, 1%, 0.05 W, 0201	0201	
44 64 65 64 7 600 800 800 64 65 7 64 7 65 7 650 800 800 64 7 7 7 7 7 7 800 800 800 65 75	45	R8, R25, R26, R27	4	10.0k	RC0201FR-0710KL	Yageo America	RES, 10.0 k, 1%, 0.05 W, 0201	0201	
41 HK RI, PARL PARL PRI, PARL PARL PRI, PARL PARL PRI, PARL PARL PARL PRI, PARL PARL PARL PARL PARL PARL PARL PARL PARL PARL	46 47	R10 R12, R66	1 2	162k 470	RC0603FR-07162KL ERJ-2RKF4700X	Yageo America Panasonic	RES, 162 k, 1%, 0.1 W, 0603 RES, 470, 1%, 0.1 W, AEC-0200 Grade 0, 0402	0603 0402	
Bits L L Dots Colorest full State S	48 49	R13, R17, R18, R36, R67 R14, R19, R20, R21, R22, R34,	5	2.20k 47.0k	RC0402FR-072K2L RC0402FR-0747KL	Yagao America Yagao America	RES, 2.20 k, 1%, 0.063 W, 0402 RES, 47.0 k, 1%, 0.0625 W, 0402	0402	
Bit Bit Li Li Souther and the set of the	50	R68 R16	1	1.00k	RC0402FR-071KL	Yageo America	RES, 1.00 k, 1%, 0.0625 W, 0402	0402	
Bit Bit <td>51</td> <td>R23 R24</td> <td>1</td> <td>4.75 25.5k</td> <td>RC0603FR-074R75L RC0201FR-0725K5L</td> <td>Yageo America Yageo America</td> <td>RES, 4.75, 1%, 0.1 W, 0603 RES, 25.5 k, 1%, 0.05 W, 0201</td> <td>0503</td>	51	R23 R24	1	4.75 25.5k	RC0603FR-074R75L RC0201FR-0725K5L	Yageo America Yageo America	RES, 4.75, 1%, 0.1 W, 0603 RES, 25.5 k, 1%, 0.05 W, 0201	0503	
65 65 65 7 1 8 Plant <	53 54	R28 R29	1	100k 43.2	RC0402FR-07100KL RC0603FR-0743R2L	Yageo America Yageo America	RES, 100 k, 1%, 0.0625 W, 0402 RES, 43.2, 1%, 0.1 W, 0603	0402 0603	
Bit Bit Description Parameter Paramete	55	R30	1	0	RC0402JR-070RL	Yageo America Xageo America	RES, 0, 5%, 0.063 W, 0402	0402	
Bit Bit All 1 Low All State State State	57	R42, R47	2	499	ERA-2AEB4990X	Panasonic	RES, 499, 0.1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402	
90 90 90 90 90 90 90 90 90 9000 9000 9000	59	R48 R49	1	40.2k 1.00Meg	RC0402FR-071ML	Yageo America	RES, 40.2 K, 1%, 0.1 W, AEC-0200 Grade 0, 0402 RES, 1.00 M, 1%, 0.063 W, 0402	0402	
eta bit bit bit bit bit eta bit bit<	60	R50, R51, R60, R63	4	0	RC0805JR-070RL	Yageo America	RES, 0, 5%, 0.125 W, 0805	0805	
EP PT-R2 TFR, R2 Darge Desc Applies Fac Post, Mouses, Garge, P1 Darge Measure Tapport PT-R2 TFR, R2 PT-R2 TFR, R2 PT-R2 TFR, R2 PT-R2 TFR, R2 Term Post, R2 T	61	SH1, SH2, SH3, SH4, SH5, SH6, SH7, SH8, SH9, SH10, SH11, SH12, SH13, SH14, SH15, SH14, SH15,	16	1x2	SNT-100-BK-G	Samtec	Shunt, 100mil, Gold plated, Black	Shunt	
Part Mar, Text. State Control State	62	TP1, TP2, TP5, TP6, TP7, TP8, TP9, TP10, TP16, TP17, TP25, TP28, TP38, TP41, TP42, TP43, TP44, TP43, TP44,	20	Orange	5003	Keystone	Test Point, Miniature, Grange, TH	Orange Miniature Testpoint	
IFTRE TOP Image: Top South	63	TP3, TP4, TP11, TP14, TP15, TP18, TP19, TP24, TP31,	11		5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint	
IPPE Table Control Control Contro Cont	64	1P32, TP37 TP12, TP13, TP20, TP21, TP22, TP23, TP29, TP30, TP33, TP34,	12		5001	Keystone	Tast Point, Miniaturo, Black, TH	Black Miniature Testpoint	
Bit Obs Unit 6 SPR4_CODERPT Tasks transmers REQUERED ADD/OPS14-280 T22400400/D T224004000/D T2240040000/D <th 224<="" td=""><td>65</td><td>TP35, TP36 U1, U22</td><td>2</td><td>-</td><td>TAS2770RJQR</td><td>Texas Instruments</td><td>15-W Digital Input Mono Class-D Audio Amplifier with Speaker I/V Sense,</td><td>RJQ0026A</td></th>	<td>65</td> <td>TP35, TP36 U1, U22</td> <td>2</td> <td>-</td> <td>TAS2770RJQR</td> <td>Texas Instruments</td> <td>15-W Digital Input Mono Class-D Audio Amplifier with Speaker I/V Sense,</td> <td>RJQ0026A</td>	65	TP35, TP36 U1, U22	2	-	TAS2770RJQR	Texas Instruments	15-W Digital Input Mono Class-D Audio Amplifier with Speaker I/V Sense,	RJQ0026A
PT DL (11) 2 BPG4ACCT72460/R Team transmise 6 at TOLUL SUPPLY BID TOLOFICIABLE BD076A 68 14, 195 2 TEABROCHE Team transmise TEABROCHE TE	66	U2, U20, U21, U23, U24, 1125	6		SN74LVC2G66YZPR	Texas Instruments	NJUUU26A (VQFN-HR-26) Dual Bilateral Analog Switch, YZP0008ADAD (DSBGA-8)	YZP0008ADAD	
set PA, V15 Z TICL/SHOUC/LPR Tices Instruments Tices Instruments </td <td>67</td> <td>U3, U11</td> <td>2</td> <td></td> <td>SN74AVC4T774RSVR</td> <td>Texas Instruments</td> <td>4-BIT DUAL-SUPPLY BUS TRANSCEIVER WITH CONFIGURABLE VOLTAGE TRANSLATION AND 3-STATE OUTPUTS, RSV0016A (UQFN- 16)</td> <td>RSV0016A</td>	67	U3, U11	2		SN74AVC4T774RSVR	Texas Instruments	4-BIT DUAL-SUPPLY BUS TRANSCEIVER WITH CONFIGURABLE VOLTAGE TRANSLATION AND 3-STATE OUTPUTS, RSV0016A (UQFN- 16)	RSV0016A	
ID ID<	68	04, 015	2		1GA9406DCUR	XMOS semiconductor	ICAGNUS Dual Bidirectional 1-MHz (2C-BUS and SMBus Voltage Level- Translator, 1.65 to 3.6 V, -40 to 85 degC, 8-pin US8 (DCU), Green (RoHS & no SolBr) IC. MCU 512/8R RAM, 128TOFP	TOEP, 129	
Image: Proceedings of the second se	70	U6	1		SN74AVC2T244DQMR	Texas Instruments	Dual-Bit Dual-Supply Bus Transcelver, DOM0008A (X2SON-8) Sindle Channel Adjustable Supervision Clineat in Litre Swell Partners	DQM0008A DRY00064	
Image: Processing of the second sec	72				CNIZANUCOTOX-DOCMED	Towns losto month	DRY0006A (USON6) DRY0006A (USON6)	DCMDDDRA	
CA DAT 1 DEFA.LS20070FP Tests transmers Dubl. BEFEREINVER WITH OFENDAME OF DUTIES, DOTOIDA DEFORMATION 74 100 1 PERALECTORYFR Tests transmers A 180, Dubl. COLUMNAME OF DUTIES, DOTOIDA DEFORMATION DEFO	12	ud	1		anir4AVU21244DQMR	results instruments	2-DIT UNUNRECTIONAL VOLTAGE-LEVEL TRANSLATOR, DQM0008A (X2SQN-8)	LI-UMUUUBA	
Tot UT Passass Structures Passass Structures Passass Structures Passass Structures Direct Structures<	73 74	U9 U10	1		SN74LVC2G07DSFR TPS62085RLTR	Texas Instruments Texas Instruments	DUAL BUFFER/DRIVER WITH OPEN DRAIN OUTPUTS, DSP0006A 3-A Step-Down Converter with Hiccup Short Circuit Protection in 2x2 OFN	DSF0006A RLT0007A	
Image: Constraint of the series of	75	U12, U17	2		SN74CB3Q3257DGVR	Texas Instruments	Package, RLT0007A 4-Bit 1-of-2 FET Multiplexer/Demultiplexer 2.5-W3.3-V Low-Voltano Hinh-	DGV0016A	
Participant Processor	76	U13	1		TPS73618DBVR	Texas Instruments	Bandwidth Bus Switch, DGV0016A Single Output Low Noise LDO, 400 mA, Fixed 1.8 V Output, 1.7 to 5.5 V Innet with Reverse Current Protection E sin COT to 100 m 4	DBV0006A	
International Control (1) Control	77	184			COCEDIORME	Towns Instruments	egon, was developed commit macaulit, 5-pin SU1-23 (DBV), -40 to 85 degC, generi (RoHS & no SU/Br) Recommendation 1.01 (2006) Statements Match 4.01 (2007)	P0000144	
ref UTs 1 ISP/LL/TTRUCK Teas transmers Single Parker Single Single Baff calls with 3 single Data College Districts. 79 UTs 1 BPL/LL/C101260CPR Teas transmers Single Parker Single Single Baff calls with 3 single College Districts. District Single Baff calls with 3 single College Districts. District Single Baff calls with 3 single College Districts. District Single Baff calls with 3 single College Districts. District Single Baff calls with 3 singl	"	014	1		GDGE913PWK	rexults instruments	1-rogrammable 1-PLL VGXO Glock Synthesizer With 1.8-V, 2.5-V, and 3.3-V Outputs, PW0014A (TSSOP-14)	r-W0014A	
79 U18 1 [397:4],VC1020C0R Teass Instruments Strate Instruments <td>78</td> <td>U16</td> <td>1</td> <td></td> <td>SN74LV1T126DCKR</td> <td>Texas Instruments</td> <td>Single Power Supply Single Buffer Gate with 3-State Output CMOS Logic Level Shifter, DCK0005A</td> <td>DCK0005A</td>	78	U16	1		SN74LV1T126DCKR	Texas Instruments	Single Power Supply Single Buffer Gate with 3-State Output CMOS Logic Level Shifter, DCK0005A	DCK0005A	
B DEC NR CEV D DEVEL DEVEL <thd< <="" td=""><td>79 80</td><td>U18 U19</td><td>1</td><td></td><td>SN74LVC1G125DCKR TL760M33QKVURQ1</td><td>Texas Instruments Texas Instruments</td><td>Single Bus Buffer Gate With 3-State Output, DCK0005A (SOT-5) Single Output Automotive LDO, 500 mA, Fixed 3.3 V Output, 3.8 to 26 V</td><td>DCK0005A KVU0003A</td></thd<>	79 80	U18 U19	1		SN74LVC1G125DCKR TL760M33QKVURQ1	Texas Instruments Texas Instruments	Single Bus Buffer Gate With 3-State Output, DCK0005A (SOT-5) Single Output Automotive LDO, 500 mA, Fixed 3.3 V Output, 3.8 to 26 V	DCK0005A KVU0003A	
82 Y1 1 ASTME-AcA 000Me2;E1E-T Anacon: Orgonation OSC, 24 Mez, 225, 383 V, SMD 24 fmm 268 C46, C66, VG, 0 100pF GRM:MSCTHI01LAVID Multitation C47, CERM, 100 pF, 50 V, 4/- 9%, COGMP0, 0402 0402 208 A Endem 100 pF, 20 V, 4/- 9%, COGMP0, 0402 0402 0402	81	U26, U27	2		SN74LVC1G14DRLR	Texas Instruments	Input, 3-pin PFM (KVU), -40 to 125 degC, Green (RoHS & no Sb/Br) SINGLE SCHMITT-TRIGGER INVERTER, DRL0005A (SOT-5)	DRL0005A	
C98 C98 <thc98< th=""> <thc98< th=""> <thc98< th=""></thc98<></thc98<></thc98<>	82	Y1 C85, C86, C97	1	100pF	ASTMLPA-24.000MHZ-EJ-E-T GRM1555C1H101.1401D	Abracon Corporation MuRata	DSC, 24 MHz, 2.25 - 3.63 V, SMD CAP, CERM, 100 pF, 50 V, 4/-5%, CORUNPO, 0402	2x1.6mm 0402	
INVA INVA INVA INVA INVA INVA INVA INVA	~~~	COR		1.11			Polosiai anali. Tener in anticaria bara armanat		

IMPORTANT NOTICE FOR TI DESIGN INFORMATION AND RESOURCES

Texas Instruments Incorporated ('TI") technical, application or other design advice, services or information, including, but not limited to, reference designs and materials relating to evaluation modules, (collectively, "TI Resources") are intended to assist designers who are developing applications that incorporate TI products; by downloading, accessing or using any particular TI Resource in any way, you (individually or, if you are acting on behalf of a company, your company) agree to use it solely for this purpose and subject to the terms of this Notice.

TI's provision of TI Resources does not expand or otherwise alter TI's applicable published warranties or warranty disclaimers for TI products, and no additional obligations or liabilities arise from TI providing such TI Resources. TI reserves the right to make corrections, enhancements, improvements and other changes to its TI Resources.

You understand and agree that you remain responsible for using your independent analysis, evaluation and judgment in designing your applications and that you have full and exclusive responsibility to assure the safety of your applications and compliance of your applications (and of all TI products used in or for your applications) with all applicable regulations, laws and other applicable requirements. You represent that, with respect to your applications, you have all the necessary expertise to create and implement safeguards that (1) anticipate dangerous consequences of failures, (2) monitor failures and their consequences, and (3) lessen the likelihood of failures that might cause harm and take appropriate actions. You agree that prior to using or distributing any applications. TI has not conducted any testing other than that specifically described in the published documentation for a particular TI Resource.

You are authorized to use, copy and modify any individual TI Resource only in connection with the development of applications that include the TI product(s) identified in such TI Resource. NO OTHER LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE TO ANY OTHER TI INTELLECTUAL PROPERTY RIGHT, AND NO LICENSE TO ANY TECHNOLOGY OR INTELLECTUAL PROPERTY RIGHT OF TI OR ANY THIRD PARTY IS GRANTED HEREIN, including but not limited to any patent right, copyright, mask work right, or other intellectual property right relating to any combination, machine, or process in which TI products or services are used. Information regarding or referencing third-party products or services does not constitute a license to use such products or services, or a warranty or endorsement thereof. Use of TI Resources may require a license from a third party under the patents or other intellectual property of the third party, or a license from TI under the patents or other intellectual property of TI.

TI RESOURCES ARE PROVIDED "AS IS" AND WITH ALL FAULTS. TI DISCLAIMS ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, REGARDING TI RESOURCES OR USE THEREOF, INCLUDING BUT NOT LIMITED TO ACCURACY OR COMPLETENESS, TITLE, ANY EPIDEMIC FAILURE WARRANTY AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

TI SHALL NOT BE LIABLE FOR AND SHALL NOT DEFEND OR INDEMNIFY YOU AGAINST ANY CLAIM, INCLUDING BUT NOT LIMITED TO ANY INFRINGEMENT CLAIM THAT RELATES TO OR IS BASED ON ANY COMBINATION OF PRODUCTS EVEN IF DESCRIBED IN TI RESOURCES OR OTHERWISE. IN NO EVENT SHALL TI BE LIABLE FOR ANY ACTUAL, DIRECT, SPECIAL, COLLATERAL, INDIRECT, PUNITIVE, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES IN CONNECTION WITH OR ARISING OUT OF TI RESOURCES OR USE THEREOF, AND REGARDLESS OF WHETHER TI HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

You agree to fully indemnify TI and its representatives against any damages, costs, losses, and/or liabilities arising out of your noncompliance with the terms and provisions of this Notice.

This Notice applies to TI Resources. Additional terms apply to the use and purchase of certain types of materials, TI products and services. These include; without limitation, TI's standard terms for semiconductor products http://www.ti.com/sc/docs/stdterms.htm), evaluation modules, and samples (http://www.ti.com/sc/docs/stdterms.htm), evaluation

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265 Copyright © 2018, Texas Instruments Incorporated