DS90UR241 EVM TIDA-00137

Item	(Qty Reference	Part	PCB Footprint	Comments	MFR	MFR Part#	Digi-Key Part#	Lead Free?	RoHS Compliant?
1		2 C1,C2	0.1uF	CAP/HDC-0603	CAP CERAMIC .1UF 50V X7R 0603	Panasonic	ECJ-1VB1H104K	PCC2398CT-ND	YES	YES
2		1 C3	2.2uF	3528-21_EIA	CAPACITOR TANT 2.2UF 20V 10% SMD	KEMET	T491B225K020AT	399-3714-1-ND	YES	YES
3		1 C4	22uF	CAP/N	CAP TANTALUM 22UF 25V 20% SMD	nichicon	F931E226MNC	493-2391-1-ND	YES	YES
4		1 C5	0.1uF	CAP/HDC-1206	CAP .10UF 50V CERAMIC X7R 1206	KEMET	C1206C104K5RACTU	399-1249-1-ND	YES	YES
5		5 C6,C9,C10,C13,C20	22uF	CAP/EIA-B 3528-21	CAPACITOR TANT 22UF 16V 20% SMD	Kemet	T494B226M016AT	399-3835-1-ND	YES	YES
6		5 C7,C11,C15,C16,C19	0.01uF	CAP/HDC-0603	CAP CERAMIC .01UF 100V X7R 0603	KEMET	C0603C103K1RACTU	399-3189-1-ND	YES	YES
7		6 C8,C12,C14,C17,C18,C21	0.1uF	CAP/HDC-0603	CAP .1UF ±10% 25V CERAMIC X7R 0603	Panasonic	ECJ-1VB1E104K	PCC2277CT-ND	YES	YES
8		3 JP1,JP2,JP5	3-Pin Header	Header/3P	CONN HEADER VERT .100 3POS 15AU	AMP/Tyco	87224-3	A26545-ND	YES	YES
9		1 JP3	2-Pin Header	Header/2P	CONN HEADER VERT .100 2POS 30AU	AMP/Tyco	87220-2	A26542-ND	YES	YES
11		1 J1	IDC2X25_Unshrouded	d IDC-50	CONN HEADER 50POS .100 VERT GOLD UNSHROUDED	MOLEX	10-89-7502	WM26850-ND	YES	YES
12		2 J4,J5	BANANA	CON/BANANA-S	BANANA-female (non-insulated)	Johnson	108-0740-001	J147-ND	YES	YES
15		1 P2	USB A	USB_TYPE_A_4P	CONN USB RECEPT R/A TYPE A 4POS.	AMP/Tyco	292303-1	A31726-ND	YES	YES
18		1 R26	5.76K	RES/HDC-0402	RES 5.76K OHM 1/16W 1% 0402 SMD	Panasonic	ERJ-2RKF5761X	P5.76KLCT-ND	YES	YES
19		1 R27	100 ohm,0402	RES/HDC-0402	RES 100 OHM 1/16W 1% 0402 SMD	Panasonic	ERJ-2RKF1000X	P100LCT-ND	YES	YES
20		8 R28,R30,R32,R33,R34,R35, R36,R37	0 Ohm,0402	RES/HDC-0402	RES ZERO OHM 1/16W 5% 0402 SMD	Panasonic	ERJ-2GEJ0R00X	P0.0JTR-ND	YES	YES
21		1 R29	0_ohm	RES/HDC-0201	RES 0.0 OHM 1/20W 5% 0201 SMD.	Panasonic	ERJ-1GE0R00C	P0.0AGCT-ND	YES	YES
23		8 R38,R39,R40,R41,R42,R43, R44,R45	10K	RES/HDC-0805	1% Precision Thick Film Chip Res; 1/10W	Panasonic	ERJ-6ENF1002	P10.0KCCT-ND	YES	YES
	24	1 S1	SW DIP-8	DIP-16	SWITCH DIP EXTENDED SEALED 8POS	Grayhill	78B08ST	GH7192-ND	YES	YES
	25	1 U1	DS90UR241	48 ld TQFP	DS90UR241 Tx Serializer	TI .	DS90C241QVS	DS90UR241QVS/NOPB-ND	YES	YES
	28	1 VR1	SVR20K	Surface Mount 4mm Square	11-Turn Trimming Potentiometer; Top Adjust	Bourns	3224W-1-203E	3224W-203ECT-ND	YES	YES

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