

MODIFICATION RECOMMENDED

33250A-03A

S E R V I C E

N O T E

Supersedes:
33250A-03

33250A 80 MHz Function/Arbitrary Waveform Generator

Serial Numbers: See Table Below

Internal Clock Reference Calibration Error

Parts Required:

P/N	Description	Qty.
NONE		

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	☐ ON SPECIFIED FAILURE ☒ AGREEABLE TIME	STANDARDS LABOR: 1.0 Hours	
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE ☐ ON-SITE ☒ SERVICE CENTER ☐ CHANNEL PARTNER	SERVICE ☐ RETURN INVENTORY: ☐ SCRAP x SEE TEXT	USED PARTS: ☐ RETURN ☐ SCRAP x SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE NO CHARGE AVAILABLE UNTIL: April 2012		
AUTHOR: SM	PRODUCT LINE: SP		
ADDITIONAL INFORMATION:			

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PRINTED IN U.S.A.

September 22, 2010

Rev. 17



Situation:

Due to an error in the calibration test system, the 10 MHz clock reference in your 33250A may have been improperly calibrated. As a result your 33250A could exhibit up to a 40 Hz offset.

This error scales as a percentage of the output frequency. For example: the error at DC would be 0 Hz, the error at 10 MHz would be 40 Hz and the error at 80 MHz would be 320 Hz.

If your serial number does not appear in the below table, then your unit is not affected and this service note does not apply.

MY40020625	MY40025668	MY40025880	MY40025963	MY40026042	MY40026125
MY40020684	MY40025670	MY40025881	MY40025964	MY40026044	MY40026126
MY40020723	MY40025673	MY40025882	MY40025965	MY40026045	MY40026127
MY40021390	MY40025674	MY40025883	MY40025966	MY40026046	MY40026128
MY40021440	MY40025675	MY40025884	MY40025968	MY40026047	MY40026131
MY40021461	MY40025676	MY40025885	MY40025969	MY40026049	MY40026132
MY40021463	MY40025677	MY40025886	MY40025970	MY40026050	MY40026133
MY40025421	MY40025678	MY40025889	MY40025971	MY40026051	MY40026134
MY40025445	MY40025682	MY40025890	MY40025973	MY40026053	MY40026135
MY40025447	MY40025683	MY40025891	MY40025974	MY40026055	MY40026136
MY40025455	MY40025692	MY40025892	MY40025975	MY40026056	MY40026138
MY40025456	MY40025697	MY40025893	MY40025976	MY40026059	MY40026139
MY40025460	MY40025698	MY40025894	MY40025977	MY40026060	MY40026141
MY40025468	MY40025703	MY40025895	MY40025978	MY40026061	MY40026142
MY40025481	MY40025707	MY40025896	MY40025979	MY40026062	MY40026143
MY40025498	MY40025712	MY40025897	MY40025980	MY40026063	MY40026144
MY40025517	MY40025715	MY40025900	MY40025987	MY40026064	MY40026146
MY40025520	MY40025718	MY40025901	MY40025988	MY40026065	MY40026147
MY40025521	MY40025722	MY40025902	MY40025989	MY40026066	MY40026148
MY40025525	MY40025723	MY40025903	MY40025991	MY40026067	MY40026150
MY40025528	MY40025724	MY40025904	MY40025994	MY40026068	MY40026151
MY40025531	MY40025725	MY40025905	MY40025995	MY40026070	MY40026153
MY40025545	MY40025726	MY40025906	MY40025996	MY40026075	MY40026154
MY40025551	MY40025728	MY40025907	MY40025997	MY40026076	MY40026156
MY40025552	MY40025731	MY40025908	MY40025998	MY40026077	MY40026157
MY40025556	MY40025734	MY40025909	MY40025999	MY40026080	MY40026158
MY40025557	MY40025736	MY40025910	MY40026000	MY40026081	MY40026159
MY40025559	MY40025737	MY40025912	MY40026001	MY40026082	MY40026163
MY40025561	MY40025739	MY40025913	MY40026002	MY40026083	MY40026164
MY40025562	MY40025740	MY40025914	MY40026003	MY40026085	MY40026165

MY40025585	MY40025741	MY40025915	MY40026005	MY40026086	MY40026167
MY40025591	MY40025744	MY40025916	MY40026006	MY40026087	MY40026169
MY40025592	MY40025810	MY40025917	MY40026007	MY40026088	MY40026170
MY40025593	MY40025816	MY40025918	MY40026008	MY40026090	MY40026171
MY40025594	MY40025821	MY40025919	MY40026009	MY40026092	MY40026172
MY40025595	MY40025830	MY40025920	MY40026010	MY40026093	SG40006711
MY40025610	MY40025831	MY40025921	MY40026011	MY40026094	SG40006712
MY40025612	MY40025834	MY40025922	MY40026012	MY40026095	SG40006713
MY40025614	MY40025835	MY40025923	MY40026013	MY40026097	SG40006714
MY40025616	MY40025836	MY40025924	MY40026014	MY40026098	SG40006715
MY40025617	MY40025851	MY40025925	MY40026015	MY40026099	SG40006716
MY40025618	MY40025852	MY40025926	MY40026023	MY40026100	SG40006717
MY40025621	MY40025861	MY40025927	MY40026024	MY40026101	SG40006718
MY40025622	MY40025862	MY40025928	MY40026025	MY40026102	SG40006719
MY40025629	MY40025863	MY40025929	MY40026026	MY40026103	SG40006720
MY40025636	MY40025864	MY40025950	MY40026027	MY40026104	SG40006721
MY40025637	MY40025865	MY40025951	MY40026028	MY40026105	SG40006722
MY40025648	MY40025866	MY40025952	MY40026030	MY40026106	SG40006723
MY40025649	MY40025867	MY40025954	MY40026031	MY40026114	SG40006724
MY40025652	MY40025868	MY40025955	MY40026032	MY40026115	SG40006725
MY40025654	MY40025869	MY40025956	MY40026033	MY40026117	SG40006727
MY40025658	MY40025873	MY40025957	MY40026035	MY40026118	SG40006729
MY40025659	MY40025874	MY40025958	MY40026036	MY40026119	SG40006733
MY40025661	MY40025875	MY40025959	MY40026037	MY40026120	SG40006738
MY40025663	MY40025877	MY40025960	MY40026038	MY40026122	SG40006739
MY40025664	MY40025878	MY40025961	MY40026039	MY40026123	
MY40025667	MY40025879	MY40025962	MY40026041	MY40026124	

Solution/Action:

We recommend the unit be sent to the nearest local service center for a free recalibration.