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REPLACEMENTS FOR PRODUCTS PRODUCED BY UNITRA-CEMI SCIENTIFIC-PR--ETC(U)
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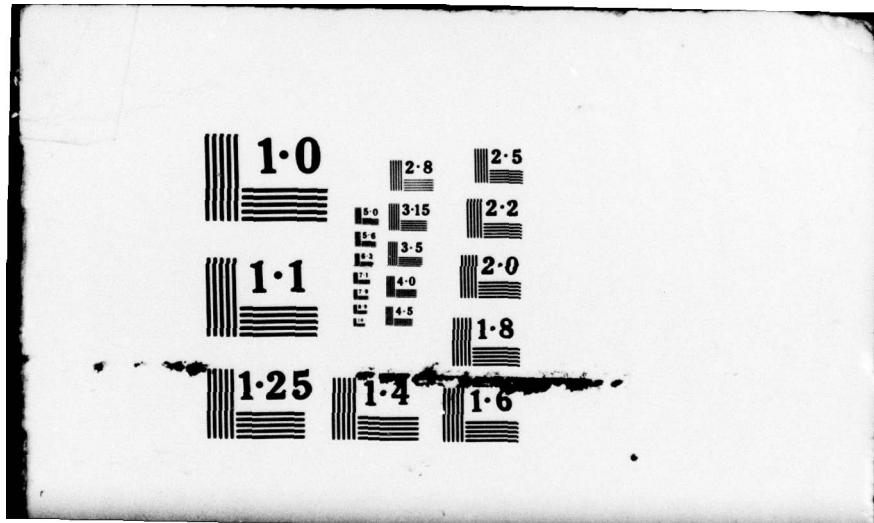
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FOREIGN TECHNOLOGY DIVISION



REPLACEMENTS FOR PRODUCTS PRODUCED BY UNITRA-CEMI
SCIENTIFIC-PRODUCTION CENTER OF SEMICONDUCTORS



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REPLACEMENTS FOR PRODUCTS PRODUCED BY UNITRA-CEMI
SCIENTIFIC-PRODUCTION CENTER OF SEMICONDUCTORS

The list of replacements for CEMI-produced products includes most often used products produced by UNITRA-CEMI Scientific Production Center of Semiconductors as well as their exact and approximate equivalents produced by some overseas firms.

Elements not denoted by additional marks constitute replacements, that is, exact equivalents of CEMI-produced elements. Elements denoted by the mark "~" differ by certain parametric values and may replace CEMI-produced elements after taking these differences into account.

For the purpose of finding the replaced elements easily, this list is arranged in alphabetical order.

The list is intended for service and construction use and therefore also includes elements produced in previous years as well as products anticipated to be introduced, and also products not having equivalents.

Optoelectric Elements

CEMI Replacements of overseas firms
notation

photodiodes

BPDP30	---
BPDP35	---
BPDP40	---
BPDP44	C30808 RCA
BPDP51	---
BPYP30	---
BPYP35	---
BPYP40	---

phototransistors

BPDP22	---
BPDP23	BPY61 Siemens
BPDP24	---
BPYP21	---
BPYP22	---

electroluminescent diodes

CQDP16	SSL5A General Electric
CQDP18	---
CQDP20	---
CQDP21	SSL3 General Electric
CQDP31	OSL3L Opcoa Inc.
CQDP32	MV2 Monsanto
CQDP40	CQD40 Telefunken
CQYP15	---
CQYP17	---
CQYP18	---
CQYP19	---
CQYP20	---
CQYP21	SSL3 General Electric
CQYP31	OSL3L Opcoa Inc.

electroluminescent lights

CQYP51	---
CQYP52	---

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A210 DMAAC	2	E017 AF/RDXTR-W	1
P344 DIA/RDS-3C	9	E403 AFSC/INA	1
C043 USAMIIA	1	E404 AEDC	1
C509 BALLISTIC RES LABS	1	E408 AFWL	1
C510 AIR MOBILITY R&D	1	E410 ADTC	1
LAB/FIO		E413 ESD	2
C513 PICATINNY ARSENAL	1	FTD	
C535 AVIATION SYS COMD	1	CCN	1
C591 FSTC	5	ASD/FTD/NIIS	3
C619 MIA REDSTONE	1	NIA/PHS	1
D008 NISC	1	NIIS	2
H300 USAICE (USAREUR)	1		
P005 DOE	1		
P050 CIA/CRS/ADD/SD	1		
NAVORDSTA (50L)	1		
NASI/KSI	1		
AFIT/LD	1		
III/Code I-380	1		

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